

75651 CAAATTCCTG TGTAATTGTT AACCAATTA AACAATATA GCAATAAAC  
75701 AAATCCATAA CATATAAGTG TGATATTGCA TCATAAGCAA TCTAGAGATG  
75751 ATTTAAAGTG GGCCTTGAAT TACATAACAA TGCTCTGCAT AAGGTAATAA  
75801 TGACACGGTTA ATGCATAAGG TAAATCCAA GTTTGGGATG TCTTGTCCAA  
75851 GTTCCTGGAG CCAACCAACC CCACTTTGAT ACACAAAGAT ACTTGTAGAT  
75901 TGGAAAAACA GTGTACCCTG TGAGGGAACA CCTAGATTTG TCTGAGGAAA  
75951 TCTAGGGAGA AAGCAGGGAG GAGGTGATTT CTAACCTGAT GCATAGAAGA  
76001 TGACTGGCCT GGAGGACAGA TCAGCATGAA GGTGTGTTGT TTGTTTGT  
76051 GCCTGCCTTT CAGAATTGTT AAATGCTTAC CTTGGAACCC TCTAGGCTT  
76101 TTGAGTGTAG AGTGATAGCC TCAGACATGA GATCCAGAGC CCTTCAACCA  
76151 CAGACCTAGA CTTGCAAGGG GCCCAGAGCT GAAATGTTCC GTGGCATGGG  
76201 CTTGAGGAGG AAAAGAGTTT CCGTGGTCTAT TGTCGGCATC TTCTCAACAA  
76251 GAAGGAGCCG CCTTTCAGAT GTGAGTCTAT CAACAGAGGC GGCGGAATGA  
76301 GCAAAAGGATG GGAGATTATC ACCCGTGCAA ATCTGGTGTG CCATATGAGA  
76351 TTACACTTAC TGCTTATAGT ACAAAGTATG TTCTACACTT AAAAAAACC  
76401 CCTACCCGGG CGTGGTGGCG CACGCCTTTA ATCCCAGCAC TTGGGAGGCA  
76451 GAGGCAGGCA GATTTCAGAG TTCGAGGCCA GTCCTGGGTA CAGAGTGAGT  
76501 TCCAGGACAG CCAGGGCTAC ACAGGGAAAC CCTGTCTTGA AAAACCAACC  
76551 AACCACCAAC CCAACAAACC AACCACAAAC CTGAAGATGG ATATCTATTG  
76601 CTTATTTTTT TATTTTTTAA GATTATACCTG ACATCGCTTT CCTTCTCTT  
76651 CTTACATTCA AATGCATGGG TTTTTTTTTT TACATAACTT GTTACATAGA  
76701 TACATGTATA TCTATACACA CATACATGTA TATCTATACA CACAAACACA  
76751 CACATATACA CACACATATG TAATATTCTT AAAGACATAA ATACAACCTT  
76801 CTTAGTCTGC ACAGTGCAAA TTGTACATGT GGTTCAGGGT CTGACCATTT  
76851 GGTATTGGCT AACCATATGG TGCGATCCTC CCACGGGAAG ACTATCCAGG  
76901 TCTCAGCTTG GTTCCTGTG TTCTTCGTGG AGGTCGAGG CTCTCTGGGG  
76951 GTGACCATCT TTTTATGCTC ATCACACCTT TTCCTTCCCTC CCTGTTGCCA  
77001 CCTTTTCTAA AAATTTACC CACACAATAC ATGTAGTTTG TTTTTCATCAG  
77051 TGGTCGAGTA TGGAAAGCTG TACTGAAAGG CAGTCTCCTT GGCCTTCCCC  
77101 CTGCTGTGCT GTCTGTCTGT ACTTTTGTGT TATGATTTCT GAGGCACTCT  
77151 CATGTAGCCC AAGCTGGCTT TGATCTTCTT GCATCACCAA CTGTGCGCTT  
77201 GAACTCTTCC TTCCATTTC TTCATGTTTC CTATACAAGC CTGTCTAAC  
77251 TTAGGCCCTAC ACCTCTTGAA GCTCCATCCT ATTGCTCCTG GGCTGGAGTG  
77301 TAAACGGTAT GCAGACAGTG CCCCAGTAGT TGTAGCCCCA TCTACTTTTT  
77351 TCATAGTCGA TGCTGAAATA ATGACTGTGT GAAGACTTAT TCTTTCCAAA  
77401 GATAGTTTCT GTTTTGAAGT CACTGTATTA TTTATCAATA CCAGTTTTAG  
77451 AAGCTGCAGT TGCAATAAAA TAATGTATTC ACGTGAGCTT CTGTGTTGTT  
77501 TTCTGTGTAA CGAGTTAAAG AATGCATTTA ATGGTACCCT AAGCTGGAAG  
77551 TAGAAAAGAT GGATAGAAA TGTCCCGCTC ATTGCTTTTTT ATGCTTTTTAA  
77601 AATTTTTTTA TTTTATTTTA TTTTTTTTAA CTTTGGTTTG GTTTTTCTTT  
77651 GCTGTCTGTA GCCTGGGTCT CAGCAGAGGT TAGTGTACAG TCGGCTGCCCT  
77701 GGGCTGTGAA CTGCAGATGC CACTGTAGCT GAGCTCTGGG ATTGGCTCAC  
77751 TGAGGTCCCT CACCGTGCTT CATGTGAGGT CCAGGAATGT ATAGTTTGC  
77801 GGTCTGATAT ATTTTGATGG TTGCCAGATA AAATCGAGTG CTGGCACTTT  
77851 TTTCTAGGAA AAACACATTT AGACGTTTCC AAGCTGATTT GTAGGACTTC  
77901 ATGTCAATTAG AACTTTGTGG CAGAACTTTT TCTCAAGTGG CTGAAAACAT  
77951 AAAGGAACCT CAGTCTCGAG GGCTGTTCCC AGCATGTCTT GGGAGTGCCA  
78001 AAGCCGAGAG CGCGACAACG GCCTGGATTG TTTAGACGGC CTTTCTTCAA  
78051 AAATAACTGA GTATCTGGAC TTCTTCCAAT AAGGAAAAA ACAGCTTTAG  
78101 CTACTGACAC CAGATAGTTC CCACAACCTA GGAAGAACGG GTTACCTTTT  
78151 CCTCAAGTTT CTAATAACAT TTCTTAGTCT GGCTGAGAGT GAGGACTGAC  
78201 GTTAGTCTTG AAGGTCTGAT TGCTGTTTGC TGTTCTATTG TGTTTTTTGT  
78251 TGTGTTGTTT TTGTTTTGTT TTTTTTTCAAG AAGAGCCGGG TTGGGAGAAA  
78301 CAGACTGTTG TTGAAAGTTA GCCTCCAGAT TCAGGCGAGC AAATCACAGT  
78351 CTTTTTCTTC ATTTATGTCC TAAGTATCTT GGAATCGAGT TAAGACGCTA  
78401 TTATAAAGGA ATGAAACAGA GAGAGAGGTA GAGAGAGACA GACAGAGGGA  
78451 GACAGACAGA CAGACAGACA GACAGAGACA GACAGAGGGA CTTTCTCTCT  
78501 ACACGCATTA CTTTCTCTTT AAATCCCTG TCTTCTCTCT AAGGCCAGCG  
78551 GGTGGATAGC AAGTCTTTAC TTGTTGGCAG TACACTGAAG CCTCTTGGAA  
78601 CAAAATGACT ATTGAAAAAC AAAAAGCAGC TTGCTGAGAT ACACCTCAGC  
78651 TAGGAGGCC AGGAGTAAAT ATTTTAGATT TGAAGAAGCT TTAAGAAAAA  
78701 AAAAAAGCT ACAGATCTTC TGAAGACTT GCCATTTAAT TAGTAGGTTA

78751	ATGAGGCCTT	AGGACCGAAA	ACTTGGTCTG	GTTAAAGCAC	CCACAAAAAC
78801	TCAAGTAGAA	CCTGGAAGCA	ATTTCGACCTT	GATTTACAAA	CATGGTGAGG
78851	ACTAGGGCCA	GC'TTTGGCTA	TTTTCGAGGA	CTGGATAGGG	AGAGGGATCA
78901	ATCAGGGAGA	AAGCTGTGTG	TGTGTGTGTG	TGTGTGAGAG	AGAGAGAGAG
78951	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGATCT
79001	CC'TCTCCGGT	CTCCATTCTT	TCTGCGGGGA	GGAGGGGGGG	CTACCTGTTC
79051	TGGGGCTCGC	CCTGGCTGAG	CAGAGGGAAG	GGCTGAGGTG	CCACCGGCTG
79101	ACGGCTGACG	CAGAAGACGT	TCT'TTTTCTG	CAGCCATCTG	GGAGTGGCAG
79151	CTCCTCCTGG	CGTCCAGGCG	CCCTGCGGGT	CTCAGGGGGT	GGGTGGGGGT
79201	CC'TTATGTCA	GGCCACAGCT	ACAGAGGAGA	TGTCACCAAA	TGCGCATTTG
79251	CGCTGAGCGC	ACGGCGCCGC	T'TTCTCTAC	AGTGAATGGG	TTAACACCTT
79301	CTTCTACACC	CACCCCTCTG	CCCCACCGT	TTACCTCTTA	CAAAACAGAT
79351	TGGGAACCTG	GCTGCCACTG	TCTGCAACA	AAGCACCTCT	CTTGT'TTCTG
79401	TTAATCCAAA	GTAATATATA	TCTTCTATTA	GCTAGT'TTCT	CAGT'TATTCT
79451	GACAGCAACC	TACTCGGGGT	TAAAAAAAT	ATCTAGCTAG	TTCAGCAAGT
79501	CAC'TATGACG	GAGGGACGGG	ACTGCCTACC	TCCTTCCCCA	CTCACTCCCC
79551	TAGGACCTCT	TATCTATTTG	TAAAAAACTA	TTTCAGAATG	T'TCTAATGTC
79601	ATAGAAGCAT	CTAATTTTAA	TCAC'TTTTAA	AAAAGCACAC	ACAAGCAGTA
79651	TCATGCGTAC	ATACATTTCTG	CTC'TTTAATT	TGCT'TCTCAG	T'TTGTCTGTT
79701	TGGGGTCTGG	ATAGCT'TTTC	ATGTCCCTTAC	TCAGATCCCA	GCTCT'TTACA
79751	TAT'TCCAGCG	CATGAACACA	CTTGT'TGACA	AGCTTGGTGG	CCATCAGTTG
79801	ACGTTTAGGT	TGTCTCTGCC	CTCACAAACA	ACAGTGTATT	AAAGCCTCTG
79851	GGCTTATGAA	TGT'TCTGTGT	GTTTATGGGC	ACAAACACAT	GGAGTAAATC
79901	CTGCGCCCTG	GAACT'TTTT	GGTGACGGGG	TACTCAACATG	GGACATGTTA
79951	GAAAGT'TTTC	AAAGGCGGGT	AGTCTTAGCA	ATAT'TTFCAG	CATAAATAAG
80001	TTAT'TATCTT	TCACATCTCC	AGCCTTTACC	AGGC'TTTC'T	GAAAAAGATT
80051	AATATTTTAA	TGACACATTT	GTTACCAGGA	GCAAAATCAGC	T'TGTG'TTAAG
80101	TTGCTAATTA	AGTGTCTTTA	AAGTTAAATT	TCAAGTCCCA	AACAGAGGTC
80151	TC'TGGAGTGT	GCAAT'TCTCT	GCCAGGGCCT	TTAGAAACTA	GCAAGAAAGCC
80201	AGCCGTGACA	AAC'TCATCCC	AGTCTCCAGG	GACATCAACG	GCTGTGGCAT
80251	GTGGCTCTGG	AAAAC'TAGCT	GCTTTAGAGAA	ACTCTAGGGT	GGGATTGGGA
80301	AGGGGTTTGT	TTCATGTGTA	AGAGTGTGTG	CACCAATTA	TTCAC'TFCAG
80351	AAACACTGAC	TAAACACAA	CATAGCAAAA	G'TTCTCTCTC	CCCTCTGCTT
80401	CT'TTTGTACC	AGCCTCCCGA	CACCAGATGG	GAGCCCGGTT	CTAGGAACCA
80451	CAAAATTAAT	TTCTTGCCAC	TGAAAGGTGA	TCCAGCAAGG	GGATTAGCTT
80501	TGCC'TGAGGG	TGGCTATACA	CTATATCTAG	ATCTTGGCCC	CAAGGGGATA
80551	TTTGGCTTGC	TGTGTGAGTT	AGTGGCTCAA	AGCGT'TCCAC	CTGCACCAAA
80601	CGGTCCAATT	AGCTCCTCAC	TTGAGT'TTTC	TAGGTAGAAA	CATTACAGAT
80651	GAAACCAGGT	TCCAATGGAT	GAGTCAAGTT	TTAGAACTTG	GGATTCAAGC
80701	TGCTATTTAA	T'TGCATTATC	GGCAATCTTA	GTAGCACTGC	CCCCCTCCCC
80751	ATAGCCTTTT	AGATTATAGT	CAACCTTGAG	GGTGGGGTGT	GCTGTAGAGT
80801	TTGACAGTTG	TCATAATTCC	TCAAAATAACC	ACTTGACTGA	AAAAAATGGC
80851	TATTTTAAAA	GCAAAC'TCCC	TCAC'TCTCAA	AAC'TCAAGA	CAGTCACATT
80901	GGGATGGGGG	GGGGGGTGTG	TGGGTGGCAT	CCAAGAGGAA	AACAAAGAAA
80951	AACAACACAG	AAAAC'TCAAA	CCAAACCAAGT	TAAAACAAAA	AGAAACTTCC
81001	CATTCTAGGT	CCAAAATTGG	GCTTTTCAGAT	AGAGGAGACA	AATCAACAGG
81051	GCTGAGGAAC	CTGCTAATAA	AAGCCTCTGA	T'TTCAAAACA	GTGTCCAGTA
81101	ATACAGGAGG	GGCACATTTG	AAGAGTGAGG	GAGGCGAAAT	GATGTCTCTGA
81151	AATAGAATTG	TCTCTCAAC	GGTCAGGAAG	CACCTGGGGA	CTTACTTGTCT
81201	TAGAAAT'TCA	GACGAAAAAT	GTTTCTGCAA	TTAGTGGGAA	ATGAGGCTTC
81251	TAAGCGCCAA	CGCCTTTAAT	ATT'TTCAATG	CTT'TATCTGC	CTT'TTCCATC
81301	AACGTGAATT	ACAGTGACAA	TGCATTCAAG	TTAATAATAC	CAAAATGTAAC
81351	TTGGGTTGCA	AGGGTGGGGC	AGATGATGTC	AAGCTGAGAA	GGACACTTAG
81401	ACTGGACACT	TGGCTTTAAC	TCCGAATCTC	CCTTTCCTGC	TTTGCCCGAG
81451	GCCTGCACAC	CCAGCCTCGG	GGGCTTTTCAT	TTT'TACAGCT	CC'TTTCAGAA
81501	TTCTGTTTAA	AAGTCGAAAA	GTGAAACAAA	GATGTTT'TAA	T'TGTTTCAAC
81551	GTCTACCACC	CTCTTTTAAT	TTT'TTCTTTT	TTCTTCTCTA	ACATCCCATAA
81601	AGACTTTAGT	CCAGGGGTTT	TCACCTTCTC	TAA'TGCTGAG	ACCCCTTTAAT
81651	ACAGTTCCTC	ATATTGTGGT	GACTCCCCCC	CAACCATAAA	ATTATT'TTTG
81701	T'TGCTACTTT	ATAGCTGCAA	T'TT'TGCTACT	GTTTATGAAT	ACAATATAAA
81751	TAAC'TGGTAT	CGAGGATATG	TGGTATGGGA	CCCTATGAAA	GGGTCACTTT
81801	CGTCCCAACC	CGCAAGGGGT	CACCACCACA	GGT'TGAGAAA	CACCTGCTTT

81851	AGAAGCTATT	CTTTTCCAAA	GTCCTTTACT	AGCAACTGAC	CAGGGTTCTT
81901	TTTTTCTTTT	TCTTTTCTTT	TTTTTTACTT	ATTCACTTTA	CTCCCACTTA
81951	CTGCCCCCCC	TCTTGTACCC	CCCTCCCA	ATCCTTTCCC	CTCCTCCCTC
82001	GAGTGAAGTG	GGACACCCCC	GTGTCCCCCA	CCCCCCTATG	ACAAGGGTTC
82051	TTACTAGGAT	TTTTCTCTCT	CCTAAGAAGT	GTTCCAACTC	GTGTTTCTTT
82101	AGATACATCG	TTTTCTTTTG	GCACTCTATC	ATGAAGGCAG	TTGGTTTGCT
82151	TGAGAACTCT	GTTGTTTCAG	CACTTTAGAA	TGTGAATCCA	CAGTCACTGG
82201	GTTGCTAGAA	AAAGATGTCA	TGAATCAGTT	TTGAGCAGTA	GAACGCTGGT
82251	AGTTAAGGGG	AGGGCTTGAA	CTTGCAATAC	TTGATCTTGT	GCCTTTTAAA
82301	TAAGAGTTAA	AAAAAAAAAA	AAGTCCCTGT	GTTATGTAAG	CGGTCCCTGA
82351	GGCAGGTTTG	ACTACATTTT	CTTCAAATGT	CAAATTGAAT	AATCCAGTCA
82401	GAAGCACGGG	GTCCCAAGTC	TTGTGAGCAG	TTCTGAAAGT	TAAGATTTAT
82451	TGCGACTTCT	TTTATTTGCC	GGGCTTTTAT	ACTTTTGAAA	AATATGTGAC
82501	GGTATTACCC	TTGGATTATC	TGGGGTTCTT	AAGGCTGTGT	CAAAAAATGAA
82551	ACAAGTCCCT	TCTGTGGTAG	GAATCGCCCC	TAAGCACGGT	GGTGAGGGGA
82601	AACTTTGCCT	TGAGAACTCT	ACTCTTAAAA	ACAAACTACG	CTACGCCCTT
82651	TCTTTTGTCC	AGTAGTCATT	TATTTTACCG	ATTCTGAGCC	AATGGTCAAC
82701	TTCCGGGGATA	CTTCACATAG	TTCAACAAAC	TGTAATGAGCT	GCTTTTCAAA
82751	ACACGGCTTG	CATTTCCTGC	CCCTCATCCC	GTTTAGAAAC	CTGATTGGAGT
82801	GTTTCTGAAG	ACACGTCCTC	AAAACCTTGA	AGGGAAGCTC	GATTCTTTCC
82851	ACCATTCCTT	GTGGTCCAGA	GGCCAGCTCT	GAAGTGGGCT	TTTACCAGAC
82901	CACCTCCAAT	CACCTTGAAA	GGCAGGAGCT	GAGCGAGGCT	CACGTTTCCT
82951	GCCTGTGCGC	GCCTCTCCGC	TTGGAATGTT	TTTCTGCCAA	CTGAAAGTAG
83001	AGCTTGTATC	TCTCTCTCTT	CTCTAGATT	AAGCCTGCTT	CTACTCCTTT
83051	GAATATTAGT	TGGTTCTCTG	CCAGAAATGC	CTAAAGAA	GAAAGAGAGA
83101	GAGGCAGAGA	GACAGACAGA	GACAGACAGA	GACAGACAGA	GACAGACAGA
83151	GAGACAGAGG	AGAGAGAGAG	GCAGAGAGAC	AGAGACAGAG	AGAAGAGAGA
83201	CACAGAGACA	GAGGAGGGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG
83251	AGAGAGAGAG	AGAGAGAGAG	AGAAACCAAA	GCTCCCAAAC	CAAAACCAAC
83301	CACAGCCTCT	AGTCTTTCTT	TCTGCTATTT	GGACTTAATC	AAATAGCATC
83351	TACTTTCTCC	TTGCTTTTCC	TCTCCCCCCA	CACCCCTTCT	TCCCTTACC
83401	CACCCCCCTT	CTTCTTTTTC	CTCCTATCCG	GTAACCTATT	TCTTGAGCTC
83451	TGGGGTTTTC	TCTGTAAGAG	GGTATATGTA	AGCATGCAAT	CTATGCGGGG
83501	CCAGCAAGTC	AACCACTGGT	CACCTGCTCT	CAGGTAAGCT	CCCTTGGTAT
83551	TTGAGACAGG	TTACCTCTAG	GGTCAGGGGC	TCTCTGATTT	GCCAGGCTGG
83601	CTGGTCAGTG	AACCCAAGGA	GTGAATCCTT	ATGCGTGCGT	TTCCCTTGCA
83651	TTCCGGGGGG	GGGGGGGGCA	TTCAATTGAGA	GCTCAGGGCC	TCATGACTGC
83701	ACGGCAAGTA	CTTTACCACC	TGAGCTGGAT	CCCCAGACCT	GGTGTGGAGC
83751	TCCTTTTTTCA	AATAGTTATC	TTTTTTTTTCA	TTTTTTTAT	TATTTATGTA
83801	TGTATGTATG	TATGTATGTA	TGTATGTATG	TATGTATGTA	TGTGTGTACA
83851	GCGGTAGCAT	CAGAAGACA	TCAGATCCCC	TAGAGTGGC	TGTGAGCTCC
83901	TGACCTGGGA	ATCCAACCTG	GTTTGTATCT	GGCAGAGCAG	CAAATGTTCC
83951	CTTCTTTGTT	GTTGTTGGTT	GTTTGTGTTT	GTTTGTGTTT	TAGAGACAGG
84001	GTTCTCTGTA	TAATCCTCCT	GGCTGCCTAG	AACTCGCTGT	ATAGGCCAGG
84051	CTGACCTGGG	ACTCGGCGAT	CTGCCCTCCT	CTGTGTCTCT	AGTGTGGGCA
84101	TGGAAGGCTT	TTGGCAACAC	ACCCACAGCA	GATGCTTTTA	ACCATCACGC
84151	CTTTTCTCTA	TCCCCCGGTC	TAGTTTGTGT	GTCCTTTCTC	TGCGGTTATA
84201	AGTCTTTGCA	GTCTTCAGGG	TTACACAACC	AGACAAGCCT	TTTTCCATTT
84251	TCTTTCTCTT	GTGTGTGTGT	GTTTGTGTGT	GTGTGTATGT	TTTGTGTAT
84301	GTAATGTAAT	GTGTGTCTTT	ATGTGTGTAT	GTAATGTGT	GTGTTTATGT
84351	GTGTGTATAT	TTGTGTGTTT	GTGTGTATGT	ATGTGTATAT	GTGTGTATAT
84401	GTTTGTGTGC	TTGTGTGTCT	GTTTAGTGTG	TGTGTGTGTG	TGTGTGTGTG
84451	TGTGTGTGTG	TGTGTGTGTA	GAAGCATGGT	TCTTTTACCA	CTACCGTCCA
84501	GCAGCAGGGA	ACACAGCACT	CCCAGGGATT	TTCTCGGGTT	TGTTCTCTAC
84551	CCACCCACGC	TCACCTCTGC	CGTACTCTCT	ACGATTTCAGT	ACTTCTCAAA
84601	CCCAGCACAA	AATCCCACTT	ACACAGTTGT	CCAGGAAAT	CCATAGGAAG
84651	GGGCTTGGGA	CAAAATGATA	GCATATTTGG	ATTATTTTAT	GCCTGATTTG
84701	AGGCTGTTTC	TTCAAAATAA	ACTTTTATGT	GAATGGGTTT	TTGTCTGTGC
84751	ACCACATCTG	TGCCCTGTAT	CTGGTGCCCT	TGGAAGCCAG	AATAGAAGAC
84801	TGGAATCCCTT	TGCTATGTGG	ATGCTGGGAG	TTGAACCCAG	GTCACTTGGA
84851	ATAGACGCCA	GTTGTCTTTT	AACCACTGAG	CCATCTCTCC	AACTGACTTT
84901	TCTTTCTTTT	TTTTTTTTTT	TTTTTTTTTT	TGGTCAGGAG	TGTGGGGAAC

84951	TCGTCCTATC	TGCCGACTTT	TATGGCAAGT	ACTTTCCTAT	ACTATTGGAT
85001	CCAGTCTCTA	CAACATCATT	TCFGGCACAT	CATTACACTG	TGACCCACTT
85051	GAAGATAAAG	AAACTCGGGG	CCCAAGGGAA	GGTGAAGTAG	AAAGGCCATCG
85101	AAAGGCCTCT	CTCCTACTGT	TCAGGGCTGG	GATTTGGAAC	CAGGCTTCTCT
85151	GATTTTAAAT	TCAGGTTTAA	TCATACTCTT	CAAGCAAGGT	CGTGCAGCCA
85201	GAGCAACTGA	CTAGAAGGTT	CCACAGAGAA	GGCTATCAGA	GGACATTGAC
85251	CCACATGTGC	ATCACTGATC	TGACTCGTTC	CAAGCAACCG	TAGGCTCTGT
85301	AGGCCCTCTT	GCTGTGCCCC	GTATCACTAT	TTTATGACCC	TTTTCTGGAG
85351	AGGGTCAACA	AGCGTCTCTT	CAATAGCGAG	ATGACTCATAA	TAAAGACCAA
85401	AGTGGCTCTA	CCCAACGGGT	AGCCGGTGGG	TTTTCATGAG	TTTGTCTCCA
85451	GCGCCCTAAG	GCTAGGCCGT	GGTTCACCGT	TCCCTGCAGG	GGCAGCGGAC
85501	GCTTACAGGA	GGCAGCATCA	CTAAAGAGAA	AGCTCTCGGT	TGCTCTCACA
85551	ACCACATGGC	ATAAACCCCT	AGGGAGGATC	CTACTCCTCC	CCACGGCATG
85601	AGAGAAAGTT	AATGGGGCTCA	GTCTTGCCCT	GGTCTCGTGT	GGGTAAATTAC
85651	AGCTGCTGAG	AGTTCGAAGG	GGTAACGTCT	ATGTCGATCT	TAGAGGATGG
85701	TGTTTCTCAA	AAAAACCCAC	CCACTACAAA	TTATATTTTTT	TTCTTGCTTA
85751	TGTGGACTAG	AGACATTAAT	TTAGATAAAC	TATAGATGTA	TTATTTAAAA
85801	AAAAACTTTA	AATAGTTTACA	AATCTCCCA	GAAAGTATAA	AAAGATATGA
85851	CAGAGAGGGC	CTGGCCGTGT	TTCCCGTTGG	CAAGTTCAC	CATGGCCACA
85901	CAAGGGCACA	GAACCTTGAC	ACTGGTCTAA	AACGTGTGTT	AAGGTCTCTG
85951	GACACCATGA	CCGAGAAAGC	TTTCAGAGAA	GGCTATTTGT	GAATCGGAGG
86001	CCTGTCTGGT	CTACATAGTA	AGTTTCAGGC	CAGCCTGGGC	TATGTAGTAA
86051	GACTCTGTCA	AAGAAATGAA	ATGAAAATTA	AACAACAAA	CAAAAAACC
86101	CAACACATCT	AAATTTTGCA	TATCGTGCTA	TGTAFTCTTT	GTCCTCTAGA
86151	TCCTTCTCTC	TTCCCTCTCT	CCCTCTCTCC	TCCCTCCCTC	CCTCCCTCCT
86201	TCCCTCTCCC	CCTACTCTCT	TCTCTAGACA	GGTTTCTCTG	TTATCTCTTA
86251	GGCTGTCTCT	GAAACCACTC	TGTAGACCAG	GCTAGTCTGG	ATCCACCTGC
86301	CTCTTCTCTC	CAAGTGCTGG	AATTTAAAGGC	GTGGCTAGAT	TGTAATTTCT
86351	GAGAAATTCAT	TGCTCTTAGC	TTGTGCTCAT	TCTCTTGCCA	TTTTTTTTTA
86401	ATTGATTTGG	GAGACTTTAT	ATATTCAGCA	TAATTAACGT	TTTTAGCGGT
86451	AGTAGAAGTT	GCACTTGCTG	GCCCTGCCCG	TTTTCAGCAC	TGTGCCCTTA
86501	AACTTGACCC	AACCACTGTC	ATGCTTTTTA	AAAAAATAAA	AAATTTATAG
86551	ATATTTTCTT	AATTTACACT	GTCCTTACGC	TTTACAGTGG	TGGCTTCCAT
86601	GTCAATPCCC	ACTCGGGCCT	GATTTAGCA	TATCATTTTT	TCCTTACCCT
86651	GAGGTCTTAC	AATCATTTCT	TGAATATGTA	GAATATGGAT	TTCTTTTCTT
86701	CTTTCTTTCC	AGATGGAGAA	GCGCCTGACC	TAGTATGATT	CAGTGAACAT
86751	CCGTGTGTTT	TCCCTGCTGG	CTTTTTCAC	GGGCATGTGT	TTGTCTATGC
86801	CTTGACGGTG	CCCTGTGCTG	GCTTAGCCAA	TGCCATGGCT	TTAGGATAAG
86851	CCTTTGTGTC	TAGTGTGGCC	AGGTGCCTTT	CTGTTATCTT	AGTGATTTCT
86901	GGTCTCTGAT	TCTTTAGTAT	GAACGTAAGA	ACTAATCTGC	CAGATACCAC
86951	AGGGGAAACT	GTAGATGTTA	ACTGTAGTTT	CAATGCGGTA	GTATTTACTG
87001	GAAAGTATTG	CCCATGTTGT	GTCCTGTCTA	TTACCTCTCT	GTGTTGTGGG
87051	TCGATCTAAC	TTGACTCCAT	CTCAGTCACC	CTTTGTTATG	CTGCTCTGCG
87101	AAATCCCCAC	AGTTTFACTG	CTATTTATTA	TGGACACTTT	TTAAAAGTTA
87151	TGCCCTTAGT	TATCTGTATG	TACATGATAA	TACATAATAA	TGTCACCTGTT
87201	AAATTTGGCGA	TATTAATTTT	TATCTAGGTA	CCTTGCTGAA	CTCTTAAATG
87251	GTTCTAAGAG	TTACACAGAG	GAGTCTGGAT	TTAAAGAAAC	ACGATGAACA
87301	GTTTATTTGT	AAGTTCCCGG	CAAACTTTTG	AATCTGAGCT	TCCATTACTT
87351	GTTTTGTATA	TATGCAGGGT	TAAAAAATAA	AAACATGGAT	ACCCATTTCT
87401	GGTACATTAT	AAAGTATCTT	TATTCATTAA	CTTTTPTTCC	CCCTTCCCTT
87451	CTCCCTTTTG	CTCTGGCCCC	ACTCGCTCTG	ACCGCCCCGA	CTCTATTATAT
87501	TATTATTATT	ATTATTATTA	TTACTAACTC	TCATTTCTCT	TTCTATTAAAT
87551	TGTCATGGAA	AATTTAAAAA	TTGACAACGA	AAATTTTAAA	TATGTAATAA
87601	AAATTTAAAT	CTTTGAAAAA	TTAGGAACCT	CACATTGCTG	ATGACCTAAT
87651	TAGCATGTGG	CTTTCTAGTC	ACGTGAGTGT	GTGACTGTGG	ACTGAGACAC
87701	AGGACAACTT	ATAAATCTAG	GGATACAATA	AGAAAGAATA	ATAAGGGGGC
87751	TGGAGAGATG	GCTCAGCGGT	TAAGAGCACT	GACTGCTCTG	CTCTTCCGAA
87801	GATCCTGACT	TCAAATCCCA	GCAACCAACAT	GGTGGCTCAC	AACCATCTGT
87851	AATGAGATCT	GGCGCCCTCC	TCTGGTGTGT	CTGAAGACAG	CTACAGTGTA
87901	CTTACATGTA	ATAAATAAAT	AAATTTAATA	AAAAATTTTA	AAAAAAAAGA
87951	AAGAATGATA	AGAAATCTGC	TAGCACATCT	ATGCATGTGT	GCTGTGTCAT
88001	GCGCTTGCAC	ACACACACCA	TTTGTTAATA	TGTAATAATCA	TGTGAGATAT

88051	ATGTTATTGA	CATGAAGAAA	ACATGAAAA	GAAAAATCAA	ATTTGGGAAG
88101	TTACTCTATA	TTTTGAGTAA	CTATGGGCGC	TTCTGATTGT	CTACTGGTCA
88151	TGCCCATGAA	TCTATTCCCTA	ACTAGAGTCT	CAGGATAGAT	GATAGGCCGT
88201	TAAGAGATCG	TGGAGGGATT	ATTTTCAGGGA	ATGGACATCT	CTGATGATCG
88251	CTCAGTTCCC	AGGACAGCGT	AGGCCCCAC	CAGATCTTTA	ATCTGGAAC
88301	TGACAACAG	CTTCCCTAAC	AAGGTGTGAG	CAGCGGTGAC	AGTGAGGAGA
88351	GGAGCCCAGT	AAATCTGGAG	GCCCATACTA	CTCATAGCCA	GGGTGTCAGC
88401	CAGTCTCTCT	ATTGAAACAG	GAAACGCTTA	ACACTAGCTC	CTCTCGAAGG
88451	GAGTCTCTCA	AGGGCCTGGC	TGGTCGCATT	GGAGGGGCTT	GTGTTTCCAC
88501	GGGTGTTCAA	ACTTCGTGTTG	AGTGAAGTCC	AGGATGTGGT	CTGAACCAAG
88551	AGGCTCTCGT	CAGGCTCTTT	GGTTCTCCAC	CACCTGAATCT	ACTTGGTCTGA
88601	AGACCCGAGT	CATAGCTCTT	CTCCCAAGCT	ATGCAAATAA	ACAGTGTGTCT
88651	CTATTTTTCAG	GACGTCATTG	CTAACAAAAA	TAGCTTCGAAA	CCCAGACATT
88701	TGAATGTCAG	CAGACTTCAG	CTTTAAGACG	CTATCCTGTG	GCAGCCATGC
88751	CGGGCGATGC	TGACATTTTC	TCGGGGGTCG	TGTGTTGATC	TTCACGCATA
88801	CTCACTGTTG	TCGTTTCTGT	TTCCATTTAG	GAAAACCAAG	GCTCGGAAAT
88851	GTTAGGTGAC	CCGCCCCAAG	TCAGCCTTTC	ACAAGCAGAG	CCCAGGGTGC
88901	TCGTGTGAGT	ACCAGCCGGA	CATCACAGCT	CTCGAATTCG	AACATATTTC
88951	CTTCCCACCT	CGCCACATTC	CATCTTGACA	CTGGTAACGG	GATGTTGTTA
89001	TTACATGGGA	CTCGGTCGAG	TTTCTGTAAA	GGAAATTTAGT	TGCTACATTA
89051	GAGTTCGAGT	ACATAATCAG	GAAATCACTT	ATCCTTCTTA	CGCTGTTCTG
89101	TGCTTTTATTA	AAAAAGCCAT	TGGAGGGGCT	GGAAAGACGG	TTCGCGAGTC
89151	AAGAGCACTG	GCTGCTCTTC	CAGAGGACCA	GGCTTAATTC	CCAACGCTCA
89201	CATGACAGCC	CACACCTGTC	TGTAATCCA	GTTCCAGGGG	ATCTGACACC
89251	CTCACATAGA	CATACACCTT	CACGTAGGCA	AAACACCAAT	GCACATAAAG
89301	TAAAAACAG	TTATATATAT	ATATATTTT	TTTTTTTTTT	AAAAAGAAA
89351	CCCATTTGTA	AAGAAGAGA	AAGTGAAG	GAAAGAAGAA	GGAAAAAGAA
89401	AGAAGAGTAG	GAGAAGAAGA	AGAGGAGGCA	TCAAAATTTCT	GTTCAATTAAG
89451	CTCATTTTCAT	TGCGTTCTTT	TTTACAGAGA	GACTCAAGAC	ATTTTTTCCA
89501	ACATAGCATC	ATCTGTGGCA	ATTGCTTGGC	AATTTAAAGG	GCTCCCAGGA
89551	ACTGCAATGA	ACAGTCTTAG	GACATGCAAT	CAAAACCAAT	AGACTTGGG
89601	CAAGCTCCAC	CAGAAGAGAG	GCTGCCTGCC	CCTCGCCGAT	TGCTTTAACG
89651	CAAGTTAAAA	CCAAGCTTGG	GATCCCATGC	TGCTGAGAT	GATTTCACGG
89701	TGTCATAGGA	GAAACTACAT	CTGGGAAAT	TCTCGCCAGG	ATCTACTGAT
89751	CTCAGCTCGA	TGGAATATGG	GAACAAATG	TGTGTTTGGT	TTGCCAAAGCA
89801	AAAGCACAGC	GAGCACCCAG	CATCCCTGTG	AATGTAAACAC	ACATAGTTTC
89851	AGTTTGGCAT	CTCTCCGCTG	GAGTGTGGTA	CTGTTTCCCTG	ATGAGGTTCC
89901	GTTGGCTGCA	AAAAGCTTCAG	TTACTTTGTG	GCATGGTGGA	AGAAGAATGC
89951	CTCACTGAAT	GCCTGCACCC	GGGCTTGGCT	CAAAACAGCT	AGGAAACCTT
90001	ACCCTGTTCAA	GGCTCAATTT	CCAAACACCT	CCTTTTCTTC	CTGTCTTCTT
90051	GAAGTGAAGG	ATTCTTAAAA	AAAAAATAAA	AAAAAATAAA	ACTAAAAATTG
90101	GATTTCCGTC	ACTGTTGTTT	CAGGACAGAT	GGGAATGTGA	TAATACTGTC
90151	CTTGCAATGGA	TAGGGTGTAG	GTATATATGA	AAGAAGGCAT	GCCTCTTTAA
90201	AAATTCATA	TGCCAGTGAT	CTGCATTTT	ATCCCTAGA	ACAACAGCAA
90251	AAGGCGTTGT	CCAATCTAAT	ATTTATATGC	TTGAAAGTTC	TCAAAATGATC
90301	ACATATCAAA	ATTAGCTATA	GTGACTATAA	TTTAAAGAGT	CTCACTGCTG
90351	GTGTGCTGGC	ACGGGGCTGT	GATGCCAGTT	ACTTGGGAAG	CTGAGTCAGT
90401	AGTGTACAA	GTTGGCAAGG	GTCACAAGGC	TTGCCCGGG	TGCAGAGTGA
90451	GTTCAAAATCC	AGGCTGGGCA	GCTTAGTGAG	ACCATGTCTC	AAAAATAAAA
90501	GTGTGAAAAG	GGCTGGGATG	GAGCCCTGTG	TTCTTACCTA	GCCCGTGTGA
90551	AATCCAAGGC	TCAAATCCAG	ATAGGGGAAG	AAAAGATCAG	ACACATTTTT
90601	AAAGTAAATGA	CGGGTACAAA	GACAAAGGTG	CTGCTGTTC	TCTGGGCCAA
90651	GGTGCAAGCT	GTTCCCTCAT	GTCTCTTAC	TCACAGGACA	TTGCCCTTGC
90701	ACTCTGGCC	CAAGATGGCT	CTTGATTTCT	ACATTGCTCC	CTTTCGCCGA
90751	GCTATGCTCA	AATGCCAAGC	AAAAGCAACT	TAGGGGAAGG	AGGGTTTGTG
90801	TCATGGTTAG	AGAGAACAGT	CAGTGGAGTG	GGGTGGAGT	GGAGGAATGC
90851	TGCAGCAGCT	TCAGTAGGAA	GCAGAGGGAG	GTGAACGCTG	GGGTTCACCT
90901	CATCTTCTCC	TCTTTGTTCA	GTTTAGGGCC	ATAGTCCAGG	GTTTGTGAGG
90951	ATCCACAATT	TGGGGGGTGT	GTTGGGTCTT	CCCCACTCAG	TTGAGCCCTT
91001	CTGGGAACAC	CCTCATAAAC	ACACCCACAG	GTGTTGATTC	TAAACCTCGC
91051	CCAATTAAAT	GTTTGTGATG	ACATTGACCA	TTTTCCATTT	ATAACCTTTA
91101	AATGTTGCTC	ACATTGCTTT	GGCCAAATG	GGATCGCCCA	AGCCCATCTG

91151	ACCGCAAGGG	AAGTTGGGAA	ATGTAGTCTT	TGTTCTGCAC	AGCCATGTTT
91201	GACCAACTAT	ACAATTAGGT	TTCTAGGGCT	GGAGAGATGG	CTCAGTTACG
91251	TGCCCTTTAG	CCAATGTGAA	GGTGCGAGTT	TGGATGCCCC	GTAACATATG
91301	AAAAGTTGGT	TGTGACTGTA	TCCCCAGCAC	TATCAGGGAG	GAGACGGGGA
91351	GACCTCTGAA	GCTCCCTGGT	CAGCTAGCTG	AGCAGAATTG	GTCAGGTACA
91401	GGTTCAGTGA	AAGACCTGAT	CTAAATTTTA	AGGTAGAAAG	CCATTGTTGA
91451	AGGCACACAG	TGCTAACCCT	TGGCTTTCTA	TATGTGTGCA	CACATCCACA
91501	GGAACAAGTG	CATTGTCATC	ATACTCGTGT	ACACACATAC	ACACACCTTT
91551	CAACTTTAAT	TCTAAATAGAA	GGAGACTTCT	CTGTGTGCAC	TTGGAGCCAC
91601	TTAGACATCT	GTGGCTTCTA	TTTATTTCCC	CACACTAGGA	GTCAGGTACA
91651	AGTGAACCCA	TTTCATCAGT	AAGAAAAAGA	GAGATCAAGT	TACTTGTCTG
91701	GGGAACACAG	CTAGTTCTTT	GTGAGCCTTT	GGGGTGTGCC	TTTACTTCTG
91751	TTCCCTTTGT	ATGTTGTGTG	TCTAGTTTCC	TGTTGTGCTAG	CACTGGAATC
91801	GGGGTGGAGA	TACCTCTGCT	TTCTCGGGGT	TGCCACAGCA	GACTGGTACC
91851	TCATTTTACC	ACACCACTTA	AGAACAGGTT	TCCAGGAAGG	TGTCCCATGA
91901	CTTGCCTTTA	GAGTTCAAAG	CAAGCACACG	TTTAATTTTG	TTCAAGGAAT
91951	TCTGTGACAC	TTATTTGAGCA	ATGGGTAGTA	CATTTTGAGTG	TGTCTTAATC
92001	AAAACCTGGG	ACAGGGCCAA	TCGACATTCT	TAGGTTTGGAT	TCAGATTATA
92051	CCTGACTTGT	GGTTAGGTGA	GAAAACCCAT	CCCCCCAGAC	TCTCTTTTCC
92101	TTCCCTTCTT	CTTCTTCTCT	TCTTATGTCT	TACCCCTTCC	TTTTTTTTTTC
92151	TTGCTTTTTC	ATACAAAGTC	CCAGATATCT	CAGGGTGAGC	TGGAACCTAC
92201	CAAAATAGCCA	AACATGGCCT	GGATTCTGAT	CCCTTGTCTT	TCATCTCCCA
92251	AATATTTGCTA	TTTCAGATGTG	TGCCACCTGC	CCTCAAAATC	TTTTTTAATTA
92301	AGAAGGAAAT	TCTTCCAAGT	ACTTGGGAGC	TAGATTCAGG	TTAATCAAGA
92351	ACTCAGAGGG	CTATGTAGGG	ACTTTGAAGC	TAGCCTTGAC	AAAAGAAGAG
92401	AAGAAAACCT	TTATTCATTA	TTTCTATAAT	TTTTTTTCCAG	AGGCCCAATG
92451	TGACACAAAG	ACAATCTCTT	AAGGTGGCAG	ATTTTCTAGA	AAGAATTTTA
92501	TTTTTAAGGAG	GAAAAGAAAA	AAAAACACCA	TTGAAAACAG	ATGTTGTCTT
92551	TCTACGTTCAT	CTAACCACTG	GCATCTTCCA	TGGAGCAAAA	TTTTGGCAGGA
92601	GGTTTGTGTT	CTGGGTTCCT	CAACCCCCAG	AGCACAATTT	CCAACAGATG
92651	CTATGCCTAG	GAAACAAAAT	TTAAAACAGG	GAAACCTGGC	TGTGCAAGAT
92701	TCAAATCTGA	GGTTTTCCAA	GTTTGTGTTC	CAGATCCAGA	GGACATPACC
92751	AAAGAGGAAAG	CCATTGTGCT	GATTTCAGGCC	CAGGGTTCAGT	TGAGCCACTC
92801	ACCTTTGGCA	GCAAAACCCA	CCAAGATGTC	AAAAATATTT	TTAAGCAAAAG
92851	ATGCTAATTT	AATGCTGCAT	TAAAAAATAA	TGTTAAGAAT	AATTGTGTATG
92901	AGCAAAATGCC	ATATCTAAAT	TTTTATTCTT	AAATTTTTTCA	AAAGTGTATA
92951	AAGTGAANTA	TGATCATATC	CCCTGCTACT	TTTTCTCTCA	ATTTCTCTCA
93001	ATCACCCAGC	ACAGCCAGAA	CCCAATTTCA	TGCTTTTTTT	TTTTTTTCTT
93051	TTTTTAATAAC	CCACTTATTG	GAGGAGGGTC	TGCTGCCCCG	TGGTGTATTT
93101	AGACGCTGAC	TTCTGTCCCT	CGTGATCTGG	TTACATTCGG	GATGGAGGGCA
93151	TTGTCATGAA	TATTGAAAAA	TCTCCTGTAT	CAACGTAGTG	TAAAGACTGT
93201	TCCCCAACTA	CCTCTGATTG	GTTAATAAAA	GGTTGAACAG	CCAATGACTG
93251	GCCAGAGGAG	ATTGAAAGGT	TGGACTTCCG	GTCCCAGCCA	GGGGCTTCAG
93301	AAAAGAGCCA	GGAGGAGCCC	CGAGGCAGGT	GAGGAGGTAC	AGGAGGCAGG
93351	TAGAAGAAGA	GGAAGAAGAA	GAAAGGAAGG	AGAAGGGGGA	AGGGAGGGGG
93401	AGGAGGGAGA	AGAAGAAGAA	AGTCAGCATG	AGGTTGGTGT	GAGGTGTCAGT
93451	CAC TAAGGGA	GTTTCGACTTG	AGGACTCTCC	GAGGGAGAGC	CCTTTCCTTT
93501	GTCTATGCTG	GAAAGTTGGC	TGGCTTAACT	TTACTCACGT	CTTGTGTGTTG
93551	TGACTAAAGT	CACCTTGCCT	TCATGAGCTC	TGCTCATGTA	AAGACCAGAA
93601	GCTTGCCCTT	CACAGCATTC	CTCCCCCTCT	CTGGCTCTTA	CGTTCTTTTCT
93651	GCTTATCTTC	CACAATGCTC	CCCGAGCCTT	CGGGATGGTG	TGGTTTGTGA
93701	TGGGTGTGCC	GAGAAAGACA	TCCCATTTAG	AACTGAGCAC	CCAGCCCTCT
93751	ATTACCGACA	CTTGGGACCAG	CTATGCATTC	GCACACCAAC	TGATGSCCTAC
93801	TGCAAAAATGA	AGCTTCTCCG	ACCACAGTTG	AGAACAGCTC	AGGTCATATGG
93851	GTAAAAGTGA	AATAATTAGG	AAGCAGTTTG	ACAACACGAC	CATAGCAAAAC
93901	TAACTAATAGC	AGGTTCTGTC	CCGTTTGAAA	TGCCAAGATT	TGAAATAAAG
93951	TAAGAGCCGT	TTGTTTTTTGC	TTTGCTGCCG	TCPTTTTGTG	TGATGGAANA
94001	ATTAATTTTCT	CACGAGGCCC	CCAAGCTCCT	GGTCCCCAGA	TTTCACTTCT
94051	CTCAGCTGGA	TGGGTTATAG	CAGTTACAGC	TGTTGTGGATA	CATTTCATTAC
94101	CTACATACAA	TTACAGCTGG	TGTGTTGGGG	GGCTTTATAC	TTATPCCACTT
94151	CTTTGATAGA	GCCTTAATTT	TTCTCACTGA	TCTCAAAATA	AAGGAAGCTG
94201	TTTGGAGGAG	TGTATAGATA	GCACATATTT	TCCCATTGCT	TCGGGCTTCA

94251	ACATGGCTCC	ACAAATGGCGT	TCAAGACCC	CGTGGTGGG	ATGTAGCTCC
94301	CAGTTAGAAC	ACTTATCTAA	GCATGTGC	AGACCTGAGT	TTGATCATCT
94351	GCACCAAGAA	AGTCAAGTAG	AAACAAAAGC	AAATCTCCAG	AAAACCTCATG
94401	GTTTCATTTCTA	GCTGATCTGT	GATTCATCCG	GGTTTCGAATA	CCAGGGCTGCG
94451	TTCTTACTCT	CTGAGTACCC	CTGCTCTCTG	ATACCAGAGCG	TGAGTCTTTAC
94501	TTTGGCTCTG	TTCCCTTTCC	ATTTTGTGTG	AACCTCCAGC	CCAGCTCCCT
94551	CTTCTACTTT	CCTGTCTTCT	GCTGAGTGTA	TGAGACTTGC	TGAGTTTAAAC
94601	CAGGGGTGCT	CACAGGCTCC	TTCCAGCAGC	CCACAGAAGT	AAAATGCCCA
94651	ACCTTTCCCT	CTCCAGAGCA	ACCTGAACTT	GCAATTCAGG	GAGGACAAA
94701	GCCTCGTGAG	TACTCCCCCA	CCACAACATT	TTGTTGTTTA	TAACTATCCA
94751	GACTGAGGAG	TTTGGTATCA	GCAGCAGGAT	GACACAGGC	ATCCAGGTGG
94801	AACAGATTGG	TGATGTCTTA	TGGATGTCCA	TACCTGAGGT	GTGTGCTAGC
94851	TAACTTTATA	TCAACCTGAC	ATAAGGGTAA	AGCCACGAGA	GAGGAAGGAG
94901	CCTCAGTTGA	GAAAATGCCT	CCATAAGATG	GGTTGTAGGC	GATTCGTGTA
94951	TAGAGCAATTG	TAGCTGAACG	AAATAATTA	TTTAAACTTA	TCCCTGTCTA
95001	GCTTACAAAT	GAATGAGACT	CAGACTGTGG	TTATTTTAT	TGGCTTTGAC
95051	CATTACTGGG	GAGTAACCCC	TAATCTACAA	TCTACTTTTC	TAACTGTGTT
95101	GCTGACTACC	TCCCCAGCAG	TGTACCCGAG	GTACTTGCTG	GTCTTCTCTGG
95151	CCCTGTGCTC	ATGGTCCATC	TCCACTCATG	GCAGCTCCCC	TCCCTCTCTCT
95201	GCAATCCCTT	ACCAGGTAA	TCCAAACCC	GTCTACCTCT	AATCCCTCCA
95251	GTAATTGGCT	GTAGCTGTTT	TTATTTAAAC	TGTCATTTTA	ATTTAAGGAA
95301	CAAGATTGT	ACAGCCACAG	TCATCTATTG	GATGGAACAA	AGGGCCCCCA
95351	ATGGAGGAGC	TAGAGAAAGC	ACCCAAGGAG	CTGAAGGGGT	CTGCAGCCCT
95401	ATACAGTGGAA	CAACAATATG	AACCTCACAG	TACCCCAAAA	GCTCGTGTCT
95451	CTAGCTGCAA	ATGTAGCAGA	AGATGGCCTA	GTCAGCCATC	ATTGGGAAGA
95501	GAGGTCCCTT	GGTTTTCGAA	ATTTTATATG	CCCCAGTACA	GGGGAACACC
95551	AGGGCCAAAG	AGCGGGAGTG	GGGAGGGTAT	AGGGGATTTT	TGGGATAGCA
95601	TTTGAATATG	AAATGAAGAA	AATATCTAAT	AAAAAAATTT	AAATAAATAA
95651	ATAAATATTT	GTACAGCAAA	AGCCAGTGAA	AGTGAGAAAT	CACCTTTAGG
95701	CAACTAGACC	TTACAGGTACA	GAACCTCAGAA	TTATATACAA	AAACACGAGA
95751	CCAAACAAGC	CTCAAGAGAA	CGTTTCTTTG	ATTAGTGATT	GAGGAAGGAG
95801	AGCCCAGCTC	ATAGTGGGTA	GGGCAAACCC	TAGGCTGGTA	GTTTGGGTT
95851	CTATAAGAAA	GAATGCTGGG	CAAGCTAGTA	ACAACATCCC	TCCATGGCCT
95901	CTGTATTAGC	TCCCTGCCCT	AGGTTTCTGT	CCTTTTTGAG	TTCTCTCTCT
95951	GACTTCTCTC	ATTGCTGAAC	AGTGTGGTGG	TTTGAAGAAA	AATGGTCTCC
96001	TAGGCTACAA	GGAAAGTGGA	CTATTAGGAG	TGTGGCCCTT	TCTGGAGTAG
96051	GTTTGGCTTT	GTCGAAGGAA	GTGTATCAAT	GTGGGTGGGT	TTTGAGGTCT
96101	CAGATACCTA	AGCCAGGCCA	GTGGCTAATA	GTCTCTCTCT	GATGCCATATG
96151	GATCAAGATG	TATAATTTGC	TGTTGCCCCA	GCACCATGTC	TGCTTGATCAT
96201	TGCCATGCTT	CCCAACATGA	CAACGGACTA	AACCTCTGAG	CTGTAAGCAA
96251	AGCACAAATG	AATGTTTTCC	TTTATAAGAG	TTTCTGTGGT	CGGGTGCTCT
96301	TTCATAGCAA	TACAAACCTT	AAGACTAACA	GTGATATGGA	AGTGTAAAGC
96351	AAATAAACTC	TTTTCTCCCC	CTACTTGTCT	TGATCATGGT	GTTCCTTAAC
96401	AGCAATAGCA	ACCTTAACCTA	AGACAGGTTT	CATTTCTGAA	GGTCAAGGGA
96451	TATTTCAACTG	TCAGCTCCAG	AGTTTCTCAT	CACATTTGTGA	AGCTGGCATT
96501	ATAGTCCCCA	TTTTACAAAC	AACAAAACCTA	AGACTCAGGA	TGGATTAGTA
96551	ATTTCTTTGA	AGTGTTTCTA	AGAAAGAGTTT	CAAAACCCAGG	TCTGACACCA
96601	CACAGTTCCCT	CACTCCCCCT	CCCACTCCCC	ATTGTTAACT	CACAAAGGAG
96651	GTAGTTTPTG	GATGAATCTC	TTCCAGTTT	GGAGGTGAAC	GAGTCCCCCA
96701	GGGAGACAGG	CTTCAGGCCA	GTCTTAAGCA	GATCTACAGT	GGATACAGCA
96751	GGGTCCCTGG	GTGAGGTTAG	GGTGGGGTAG	GATTTCTTGG	CAGATCTTCT
96801	TACAAGTAAC	TTTGAATAAT	AAAAACCAAG	AAAATGTCAA	GATGTTATTT
96851	TGTGTTTGCA	GAGTGTGTTA	TTCCAGCATT	TTTTTTGTAC	AATCAATAT
96901	ACAAACACAA	GCCACCTAAT	TGCTATTAAT	AAATATTTCC	TTGTAGAGGA
96951	ATTTTAAATCC	AGCAACATGA	CTGCTCTGGC	AGGGGATCAC	ATCCAGAGAC
97001	CTTCTAGGTC	TTAGAACACA	CCTTTAATCA	CAAAACAATA	AGGCAAAAGT
97051	AGTTTGTGTA	AGAAAGCCAT	GTTTGAAGAGT	GACATCTAAC	TGAGGGTCAG
97101	ACAAATGTGAC	CCTCAGAGAA	AGAGTTGACA	GAATGAGTCA	GAGATAGATA
97151	TGCCCAACTC	TCATGAGAAC	AGCACAAAGAA	AGAGAGACTA	CTTAAAGGCAT
97201	CACAGAGTGA	GTTCAGTTTG	TGAAGGGAAG	GAGCCATCTT	TCCAGTAGAT
97251	CAATTACAGTA	AGAAAGCCGAG	AGAAAGCCAGT	TTGGATCAGT	CAGCTTGGAG
97301	AGAAGTTTGA	GCCAGAAAAA	CTGAGCTGAA	TGAGCCAGCC	AGAGTTCAGA

97351	AAGAGCAAGA	AATAGTGA	TTAATCAGCA	ATCTCCGAAG	CTGAACATTT
97401	CTAGGCCTAG	ATTAGTATCC	CGAGCTTTTG	TTCCCAACCG	AAAGAACATG
97451	CTCAGGACAA	CCGGAATCTT	CTGCGGCAAA	AGCTTTTATTG	TTTACTTCTT
97501	CAGGGGCCAG	AGAGAGAATG	GCAAAACCC	GTCCCTTTTA	AGGAGAAATTA
97551	TCCTCCGCTC	AGGACGTGTC	GCTCCCTGAT	TGGCTGCAGC	CCATTTGGCCG
97601	AGTTGTCTTC	ACGGGGAAGG	CAGAGCACAT	GGATGGAGA	ACTACCCAG
97651	CACATGCGCA	GATTATTGT	TTACTACTTA	GAACACAGGA	TGTCAGCGCC
97701	ATCTTTGTACC	AGCGAATGTG	AGGGCGGCTC	CCCACAGGTT	AGCAGATGGGA
97751	GCCCTCAAGG	TCTCAGCTGG	CAGAAGATTA	GGTTGTATGG	AGGCTAGAAG
97801	CTTCCAGGCC	TAGGGATAGT	TAGTACAGAG	AAGGAAAGGC	TCTGGGCTCA
97851	GCCCAAATTG	TGTATTACACA	CAGCTTGTAT	ATTGCTCTCA	TCTACCACT
97901	CCATCTGAGG	AAATAAAAGT	GATGTTTGCA	TTTAGAGTCC	TATTTTATTA
97951	CTGTGTGATT	GTTAACTGCC	CAAAGAGTCC	TAATTTATTA	TGATCCTGTT
98001	ATGTACAATT	TTACTTGT	TGTAGTACAC	CAAAGGCAGC	ATTGCTGAGT
98051	AAATACAGAA	GTAACACAT	CATAATGGTT	TATTTCAATT	GTTCCAAAGA
98101	CTTATACTAT	TTGTGTGTGT	GTGTGTAAGT	TTGGAATTAG	CCTGATATG
98151	CGATTATATG	CGATTATTTG	AAGGCCTAGG	TAAGACAGTT	GCTCCATCAT
98201	CCTTTAAACAC	CATCCCTCTG	CTCAGAGAAC	TGCTTTAGTT	GGTCATCAAC
98251	TAGTTACAGT	TTCAACTCAA	TGCCTGGTCA	GGGACGCTGG	GTTTCCACA
98301	CAGTCCCTGGG	GGATGCTACT	CCTTGAATCT	ATGATATGCT	GGAGATGCTG
98351	TGAGAACCTG	GGTAATGCC	TGCCTGGTGG	GGCTGTGTA	CTTGACACG
98401	TGAGTGGCTC	AAGTCCTGAG	CATGTGTCTG	GTATGTGCTC	ATGGGTAGTC
98451	GGTCAATCAA	GACCTGCCCA	TCTTAAGTGA	AGCAGAGCCG	GTTCCCTATG
98501	GTGAACCCAA	CCCTTCCCTC	CAGGCTCCAT	ATTGTTTCT	ATTTGTTTTC
98551	CAGCCCCATT	TACCTCTTCT	TTGGAACACC	AATCACATTT	CTGTTTATTT
98601	TATATCAATT	TCCCTCCTCT	ACCCTGAGTG	ATGTCAGTAG	CTGATGAGAG
98651	CTACCCCTAC	ATTAAAGTCT	TGCTTTTGCC	TCAGTTGCTG	CAGTGTAGCC
98701	TTAGGCTGCC	TGCCCTGCCCT	CAGTGCTGAA	GAGAGCTGCC	TTGCTCAGTA
98751	CCACAGTTCT	TTCAATGGCT	GAATCATGGC	TCTGAAAGAC	CAGCCATCAT
98801	ACATCATATA	TGCTATAGA	CACATATACA	TGCATACATA	TATGTATGCT
98851	TGTTTGT	TGGACAGATT	CTCACATCAT	AACTTGCAT	GTCCCTGGAAC
98901	ATGCTATGCA	AACAAGGCTG	GTCATGAAC	CACAGACAAC	CACCTGCCCT
98951	TGACTCCGAG	GTGCACCACC	ACACCCAGCC	TAAGTGT	TTATGATTAT
99001	TTCATATPCT	GCACTGCCCT	GTGCTCAACT	TGCTTCCCT	CTCTTCTCTC
99051	TATGGAGGTA	ACCTTAGGAC	TATTCCTTAA	GAGTATPCCC	TAGGAGTATT
99101	CCCTGATGCA	GTGTTTGAC	TGGCTTTCTG	GGAACACAGA	TGTGCCACCA
99151	TGCCCTTGGA	CATGACTGTG	TTTGCCCGTT	GTGCACGTTG	TCCAGGCTCT
99201	CTCAGAGTCG	CTGGCAGTGG	GTGAGAATTG	AGCTGATGAA	TCAAGAGCAG
99251	CTGAACCTTG	GGGAATTTCT	GCTTCTGTCC	TGACCCACCT	CCTTCTGCAC
99301	AGGAACCTCT	TGAGCTTCTA	TCCTGGAGTC	TTAGGGTTTC	CACCTGCTGTG
99351	AAGAGATTCC	ATGACCAAGG	CAACTCTTAT	GAAGGACAAC	ATTAAATTGG
99401	GGCTGGCTTA	CAGGCTCAGT	CCATTGTCTAT	GGCGGCAGGA	AGCATGGCAG
99451	CATCCGGGGA	GGCATGGCAC	CTTAAGGAGC	TGTGAGTTCT	GCATCTTCAT
99501	AGGACTGCAG	CCAGGAGAGA	CTCTTCTGCA	GATAGCCAGG	AGGAGGGTCT
99551	CTTCCACACT	GCACGGAGCT	TCAAAGCCCA	GCTGCACAGT	GATACACTTC
99601	CCCAAGGAAG	GCCACACCTC	CTCTAACAAAG	CCGCACACCTC	CTCTAACAAAG
99651	GCCACACCTC	CTCTAACAAAG	GCCACACCTC	CTCTAACAAAG	GCCACACCTC
99701	CTCTAACAAAG	GCCACACCTC	CTCTAACAAAG	GCCACACCTC	CTCTAACAAAG
99751	ACCACACATC	CTAAAGATGC	CACATTCCTAT	GGGGCAAGCA	TATTCAAACC
99801	ACCACACCGG	GAATTTATTT	CCTCCTCTTC	ACTCATGTCC	ACATTTCACTT
99851	TCTCAGTCCC	CTTTCCTCCG	TCCTTGTCCC	CCTTCCCTCC	CATCTTCCCTC
99901	CTCCTCCTGC	TCCTCCTGCT	CTTCCCTTTC	CTCCCTTTT	GTGGCTCTGA
99951	TCCTGGCAGC	TGAGGAGAAA	GTCTGATAAA	ACTGGTCTAG	TTGGGAACAG
100001	CTCAGTGAGC	TGAGGTGTCC	TTAACCCCAAG	CATCTTCCCT	TTGAAGCTGG
100051	TGTTGGACCTT	TTAAAAACCG	TGCTGCTCTG	AGGAAATCAA	TATCCCAAGG
100101	TGCTGCTTGC	TAAATTGCATG	GTGGCCTCAG	AGGGTGT	CTACTCTGTA
100151	ATGAGAAGAA	AGAACCCTTT	AAAGCAACAA	CTCTCCCTGA	TAAACAGAGG
100201	GAAGAGAGAA	CCCTCATTTT	AAATCCTTGT	GAAAAATGGC	CTCTTTGT
100251	TTAAATTTTC	ATCCTCAGAA	CTGCCATCCT	GCTGCCAGCC	TAGCGTTGAG
100301	GGTCTTTTTC	AAAAAGCTCC	TTCTACCTGT	TTGACAGAAA	GCACCAGGCT
100351	CAATTCCGAA	TCCAGAGA	ATTTGAGAC	TGCACCTGAG	TGCCTGTGAG
100401	GCTGTGTAGT	ATCTCCAGAC	TCATCTGCCC	GGCAGGCACC	GCTAATCATC



100451	CCATGCGATC	TATATGGCAC	TCCATGCATG	TGAGCACACT	TTGAATACTT
100501	CAAAGAAATG	TGAAAAGAAA	TTGTCACTCG	ATCCTCAGTT	AAACAGGGCT
100551	TGAAAGATAA	GGTTGATATA	AAACAAATAA	AAAGTAAGAA	GGAAATAGAC
100601	TTCAAGGCCA	ATATAAAGTT	TTAGAAAGTA	TTATTTTTCA	TTTTGGATGT
100651	TTGGCCATTG	TCCTGTAGCAT	GTGTGTTTTT	CTCTAGAAAA	CGCTAGTAGA
100701	CCCCACCTAG	ATTCCTTTGG	ATCCACAGAT	AACAACAACA	ACAACAACAA
100751	CAACAACAAC	AACAACAACA	ACACACACAC	ACACACACAT	GTGCCAGTTA
100801	ATCTTAAAAA	GCCTGTGCTA	ACCCAATGAC	TGGGCATCTC	TAAACCTTCC
100851	CTGCTACCTC	AGGCATAATC	GGATAGAGTT	GCCATTAGCC	ACTCCAACCA
100901	AAAACTCACA	TGGCCCACTG	GCATCATCTC	CTTTTCTTCC	CCAGTTTAAAC
100951	TGATTCTCTC	TGCACCCCCC	TGAGCAACTC	TAAGTGTCCC	GCCCACTGCT
101001	CAGTAATTGG	TCGCTGTTAT	CTTTATTGAT	TGATCAAGAA	CCAATTGGGG
101051	AGCAGGACCT	TAGCATGAGC	CCCACTGGTC	CCTGGTAGCT	ACACAACATA
101101	GAATAAAAAA	TCCCTGTCAT	GGCTTCTGTG	TAAAACAGCC	TATCCTTTTT
101151	ATTCATTTCAC	TGATACAAGG	CAGACCTGGG	GAGACGCCTG	CTCTGTGAAC
101201	CACAGCCTTG	AGATGCTGTG	GAAGCTGGTT	CTTCTTCTGC	TACTCTTTAG
101251	TCTGAGGCAT	CCATGGCTCA	CATGCATCCC	TATTTTCTCC	AAACAAGTGA
101301	TGCTCTGAGA	ATGGACACTA	TTGGGGAAAG	TCTTTCAATC	ACTCATCTGA
101351	ACATAGAGAA	AGCAACATGT	TCTCAGCACA	GGGCAGTTTT	CCACAGCAAA
101401	TTGGCCCTTC	TCTTTTCTGT	AGAAGGCAGA	TGGGTGAGGG	GCCAAAAAGAG
101451	GTTCCTCAAT	GCTGCCCTTT	TAATGAGAAT	AGATTATAAA	GCTCTTATAT
101501	TAGTTAGGGT	ATGCCAAAGT	CTTAGAATTG	CTTTATGATC	AGATGTGAGC
101551	ACTCAAGAAT	ATAACCAACC	TCTCATTTAG	GATGCATGCT	TCGTGGTAAA
101601	GAGTTTTTGA	ACAGGAATGA	GCTTTTCAAA	AGCTTTAAGG	CTCAGGTATA
101651	GCCATTTTCT	CTCAGGATAA	GCTTTATATC	CTGTGTGAAA	CAGTGAGCTG
101701	TGACATGTGC	TAACACATGT	GCGAGTGCAC	ACATACACAC	ACACACACAC
101751	ACATACACAC	ACACACACAC	ACACACACAC	ACACACACAC	AACCAACATC
101801	ACAAAAACAA	GGAGACAGAT	ACTGTGTCTG	ACATGATGTC	TGACATGATG
101851	CTTCTACCAT	GAAGATGGTA	AGACCATAAG	CTTGACACTT	TGTGTGTGCA
101901	TCTCTCTGTG	TGCTCTGTGT	TGCTCTGTGAC	ATACCTGCAT	GTTGACACTG
101951	GATGCTCTCT	TTGACTGCCC	TCCGCTTTAT	TTACTTGGGG	GCTGGCTCTC
102001	CTCACTGAAC	CTTGAGCGCA	CTGATCTTGG	TTAGTCTATC	TAACCTTCTC
102051	GCATAGTGGA	TCCCCTGTCT	CCCCCCAGAA	GCTTGGATTA	CACCTCAGGT
102101	AAAAATGCCA	CTTGGGTTTT	ATACGGGTGC	TAGGGATCAG	AACTCAGTCT
102151	TCAAGGTTAT	AGGACAGCAC	TTTATCTACT	GAGGCCATCT	CCCTATGCCCT
102201	AACTCTAGTC	TTAGTTTTTT	TCTGACCCCT	TGTACTTTCA	ATTGATGCTT
102251	TTTAAAAATG	GAAATGATGT	TATTATCCCA	CTCAAACTC	TTCCATGGCT
102301	CCTGCATAAA	ACGAAGCTGA	CATGGTTGCT	TAAATAGTCA	GCTTGACACA
102351	TCTCTTGGGA	GAGCCTCCAT	GAGGGGTAGT	TTAGACCAGT	TTGGTCCATG
102401	GGTATGTCGT	TGGAGGGTCA	TCTTGATTTT	CTTAACATGAT	GCAGTGTGTG
102451	GCCCTATTGT	GCCTTGGTTT	GGGCCTTGAG	GACAACTTGT	AGCCTGGCTC
102501	GATTTTCAAG	ACCTGTCATT	CGCTTGAGAA	TGACTCAGCA	TGACCTACCG
102551	ACCTGACTGA	GCCTGCCTCT	GCCTATTTTA	CGCTGATGTA	TCAATTTCTT
102601	ACAGGCCCCG	TGAGATCACC	CCACACCCCT	CGTCACTCTA	CACCACCCAA
102651	TACGTCACTT	CACCCACAC	CCCTACCCCT	ACCTCCTTGT	CTTCTCTATA
102701	TAAGCGAGTG	CCTAGTTTTA	TAAAATAAGT	TCCCGCTTGT	ACACGGGCCCT
102751	TTGACACGCA	GCATCCCACT	CAACCCCAAG	GGGACTGGGC	TGGACCGGGT
102801	TCTCTCTCTT	CCCCTGGACC	TGCTGGCAGA	GAACCAACAA	CATAGGAGCC
102851	TGAAAAATAG	TAGCAACATT	CCTTGAATTG	GGGTCCCAGA	CTCTATAAGA
102901	GAAAGCTGAC	TGAGCACCAC	GCTTACCATG	TTCAATTCTC	ATGTGTTGTA
102951	ACGAGCTGCT	TCAGGTCCTT	GCTGCCATCA	CACAGATTTG	AAAGTAAAAA
103001	CAACTCTCTT	CCCCTAAGTT	GATCTTCATC	AGGATATTTG	TGTGTGTTTG
103051	CATGTATATA	TGTATAATGT	ATATGTTGAT	ATATGTATAC	ATGTATATAT
103101	GCATACATAT	ATATTTTTAAC	CACAGCAACA	GAAATGAACA	TAGGACAGCA
103151	GCCTCCTTGT	TTGGCCATGA	ACTGAGTCAG	CCCGGGTATT	TTGGGTTTGT
103201	CCAATTTCAC	TCTTAGAATA	AACATATGAA	TTTGACTCGC	ATGATCAGGC
103251	ATAGTTTGAT	TCCAGAGCAC	TGGGAAAGAC	AAGCTCATAA	CTACCATGAG
103301	GGTTGCTGAG	AGGCTTTACA	CGCATTCACG	ACCGGGCCAG	AAGAACAACG
103351	CAAAACCAGAA	TCTTCTGCGG	CAAAACTTTA	TTGCTTACAT	CTTCAGGAGC
103401	AAGAGTGCAA	GAGCATTTAT	GCTTACATCT	TTAGGAGCCA	GAGCGCAAGA
103451	GAGCAAGACA	GCAAGAGCTC	TATTGCTTAC	ATCTTTAGGA	GCCAGAGCGC
103501	AAGAGAGCAA	GAGAGAGAAT	GGCAAAACCC	CGACCTTTTT	AAGGAGAATT

103551	ATCCTCCGCC	TAGGACGTAT	TACTCCCTGA	TTGGCTGCAG	CCCATCGGCC
103601	GAGTTGTCTG	CACGGGGAAG	GCAGAGCACA	TGGGGTGGAG	AACTACCCTT
103651	GGCACATCGC	CAGATTATTT	GTTTACCAC	TAGAACACAG	GATGTCAGCG
103701	CCATCTTGTA	ACGGCGAATG	TGAGGGCGGC	TCCCCACAGA	GAGGCAGGAT
103751	GCAAACCTCAG	GCCTCACCAC	CACCTTGTCA	CCCCAAGTGA	TGACAAGCAA
103801	AGCTATACTA	AAGAAGGGTA	AGCAGTCAC	CTCAGTGACA	TCATACGATC
103851	ATGGCTGACC	CCTGATTCTT	ACAGAAGACT	ATTCATCACT	AGGTGGACTT
103901	AGTCAGGGCA	TTCGTAGAACA	AGACCAATAG	AGTGAATATA	TGTTACAAAG
103951	GGAAATTATT	AGGGTGAGCT	ACATGGGTAT	GTATCCGTGT	TCTTAACAATG
104001	GTTCTCTGTA	CTCTGGAATA	GCTAAGAACC	TCACAGATGC	TCTGTCTATG
104051	AGACTGGATG	CCTCCGTAGT	TGCAATCTGG	TCTGGAAGGC	TGGAAGATTC
104101	CTGGAGGGCT	GCTGGCCTTC	GTTCTGTGTT	AGAAGTCTGA	AGAACCCTGGA
104151	GTTGGATGTC	AGCGAATGGC	AGCTGAAAGT	GCAGATAGCT	CAAGTGACAT
104201	AGCAGATGCA	GTCACCAGTT	AGAAGTGAAG	CGGGTCCCTC	AAAAGCAGCC
104251	CCACTTCCCC	CTGGGATTTT	TTTATGGCGC	TGCCACTCAA	AAGTGGGAGA
104301	GCTGTGCCCT	AACAGTTAAA	CCTAGAAAAA	ATCCTGTGAG	ATGGCCCTAG
104351	AGACATGTCT	CTTAGTTGAC	TCCATATCCA	ATTAAGGTGC	CAATCAAGCT
104401	TAACCATCAC	ATTGCATTTT	CTGGATGCAT	TCCCAAACTA	AGTGTCTGCC
104451	ACCTTCGACT	GACTGACTGT	AAGAGTTAGC	TTGAAAGCCA	GCCTCTTTC
104501	TCACAGTTGC	CCACCGAAGC	CTTCTGGAGA	GTCTCTGTAT	TAGCCCAATG
104551	CCATACCTTG	TCCCTTAACA	GAACATAGAA	CTGCAATGAT	GGGTAAAGTC
104601	GTGTGTATGT	TCTGGGGACC	AGCTTTGAGG	TCTCAAGGAG	AGGATATAGG
104651	TGAAGGGTTA	GAGTTGATGT	GAAGAAGATG	ACATTATCCA	GAGCAAAAAT
104701	TTCCTGCCTC	CTGTGTGACC	CTAGCTGCCT	AATGAGTATT	GGTGTAGTAC
104751	GTCTGTATGT	GTGTGTGTAT	GTGTGTGTCT	TTGAGAGAGT	GTATGTGCAT
104801	GTATGTGCTG	GTATATATAT	GTATGTATGT	ATGTATCTGT	AAGAGATGAT
104851	GTGAGCATGT	ATGTGTACGT	ATGTGTGTAT	GCAGGTATGT	GTGTGTGTGT
104901	GTTTGTGACT	GTGTGTATGT	GAGTGCTTGT	ATGTATATAT	GAGTATATGC
104951	TCATATATGT	CGGTATGCGA	GTGTGTTTTG	GTGTGTGTGC	CTGTAGGTGT
105001	ATGTATGTGT	GTATATATGT	GTGTGTGAAT	ATATGTATAT	ATGAGTGTGT
105051	TTGTGTGTAT	GTGTGTATGT	ATATGTGTAT	GAGTGAGTGA	TAGTGTGATG
105101	TATGTGTGTT	TATGTGTGTA	TATGTGTGAC	TATATGTGTG	TGCAAGAGAC
105151	TGTGTATGTA	TATGTATATA	TGTGAGTGTG	TGTATGTGTG	TTATGTCTGT
105201	GTATGTATGT	GTGTGAGTGT	GTAATGTATG	TGTGTATATG	TAAAGTATGA
105251	TATGTATGTG	ACTATGTATG	TACATATGTG	TGTATGTATG	TGAGTATGAT
105301	TGTGTGTATG	TATGTGTGTG	TATGTATGTG	AATGTGGTGT	TGTGTGTGTG
105351	TGTGTGTGTT	ATATGTGTGA	GTGTGTATAT	GTATATGTGT	GTGAGTGTGC
105401	GTATATATGT	GTGTGTGTTT	GTATATGTAT	TTGTGTATAT	GTGTATGTG
105451	CGTATGTGTG	TATGTGTGTG	TATGTGTGTT	TGGAGGTATG	TGTATGCAAC
105501	TAGAAGCTGG	AGATTTTTGG	TTTTGTTTTT	TCTAGATTAA	CAACACATTT
105551	TTGCCTGCAT	GGGGGAAAA	GTTGTAAGGC	AGATTAGAAC	AAAAACAAGCC
105601	AAAAGCAGAG	CTAACGTTGC	CTTCTTGACA	CCTTATGACT	CACCTAAGGC
105651	ATGCTGATCA	ACCCGAGGCA	TCAGTAAACC	CTGATGAAAG	GGGCCAGGGC
105701	CAGTTCCTGG	GATCTGGGCA	GGCAGTGCCA	TCAGCATGGC	TTGCTCATGC
105751	TTTGAGTATG	ACTGCCTTAC	AACTTCAGAT	TCCCATTGCC	CTACTCAGAA
105801	AACATGAAAT	GAAACTGAGG	GGCTTCCCTT	GCTGGCAACT	CCATCTGAG
105851	GACPCATGAA	GACAGGGATT	TTATAGTCCT	GCTGGAGCCT	GGGGTCTCTC
105901	TTCTCCATA	TGCCCTGAAA	GCTCAGAATC	AAGCAAGACC	AAACTATGGT
105951	GGTGGAAAGT	AGGAGACTGG	CTAACTTTGT	GGGTGTAATA	GGGACTTGGG
106001	GAGGGTAAGA	GAGGGCTCAC	GAATTCCTGG	TAATGCTGAA	TTCTCCAATG
106051	CTGTGCAAGT	TACATAGAAG	TGCTTAGTTT	GAGAGGACCG	GTTGAGTTGC
106101	ATATCTGTGA	GTGGCTTACT	TGCTCTAGGT	GTGGCTCAAT	AAAAACATCA
106151	CATTATGTTA	AATGCTGTTA	TTGTAGGCCA	CCATTGTTTC	CTGTGGTGGT
106201	CTTAGAAACA	AAATGAAGCG	AAGTTATATT	TAAGAAAATA	ACGATTGAAA
106251	TGAATATATA	AAAGTTTAAA	CATATAGTAG	TGTGTTTCAA	ACTCTCCAGG
106301	AGTTTCAAC	ACTGGTTAAA	AAAAACAAAA	CAACACTTAA	GTGGGAAGTA
106351	GGGGCCGAAG	AGACGGCTCA	GTGGTCCAGA	GCACCTCTGT	ATCTTTTCAA
106401	GGACCTGGGT	TCAAGTGCCA	GTACTCACGT	GGTGGCTCAC	AACCATCTTA
106451	TGAGTCCAGT	TCCAATCACC	TCACTAGGCA	TACACATGGT	GCACATCTGT
106501	GTGCAAGCAA	GAGGGCCGGG	GAGGGGAAGA	CAACCCGCCC	TGCCCTTCTG
106551	AAGTCTGTGT	CTAGCCCATG	TGGGTGATTT	GAATCTTTTT	TTTTTTTTTT
106601	TTTTGTTTTG	TTGTTTGTTT	GTTTGTTTTT	TCGAGACAGG	GTTTCTCTGT

106651	GTAGCCCTGG	CTGTCCTGGA	ACTCACTCTG	TAGATCAGGC	TGGCCTCGAA
106701	CTCAGAAATC	CGCCTGCCTC	TGCCCTCCGA	GTGCTCCGAT	TAAAGGCCGAG
106751	CGCCACCACG	CCCGGCGATT	TGAATCTTAA	TGTTCCCAT	TAGTTCACGG
106801	ATTCCGAACAT	TTGGTGCCTC	AGTTGCTGAT	GCTGTTCCAG	AAGGTTATGG
106851	AAACTTTAGG	AGGTGGAGCC	TTGCTTGAAG	GAAGAGCGCTC	GTCCGTGGGTA
106901	GGCGGGGTGG	GGTTTTATGG	TGTGGTCTTA	CTTCCGGTTC	TGGGTATTFT
106951	GTTTACTGAA	TATAGATGAA	ATGGGATTGG	CCAGCCTCAT	GCTCCTGTCA
107001	CCATGCCTCC	TGCTCCAATA	AGTTGTGCCC	CCTCTAGAAC	AATAAGCTTT
107051	TCCTCGGAAT	TCCTAAGTCAC	TTTTTCGTGAG	GATATCTCAT	TACAGCATCA
107101	GAAACTTTAAT	ACTCAATATA	AGGAAATTTT	GTCAACTCAC	ATCTCCCCCA
107151	TTTCACGAGT	ACTTGTGTAG	TTTAAATGCC	AGTACCTCCG	GTTTGAACATG
107201	TAGCAACGCC	CTCCACTCTG	CGCTATGTAT	AATCCATTGT	CAACTCAGCA
107251	AAAATATATAT	ATTTAAACA	CAGAGGCTGG	GGGTGGTGGT	ACACACCTTT
107301	GATCCCAACA	CTTGGGAGGC	AGAGGCAGGC	TGGTCTCTGA	GTTAGAGGAT
107351	AGCCAGTTTG	AGGACAGTCA	GGGCTACACA	GAGAAACCTT	CTCTTGAAAT
107401	ACCAAAACCT	AAACAAGACC	GAGCAAAACA	AAACCTGGTT	CCAAATFACCT
107451	CCCAACCTGA	AGCTCTTCAG	TTTTTTCCCT	AGCACTCCAA	GTTAAATTCG
107501	AAGATCTGTT	CCATAGGCC	CTGCAGGCCA	CCATFCTTCA	ACCCCTFACTG
107551	CCTCTCTGAC	CAGTTCCCAT	CACACTCTCT	TGGTCTCACT	GCTTTCCAAC
107601	CTGCATGGCC	CACACCCAGT	CTCTTCCCTT	TTTCCCATGC	GTTTGGCGAC
107651	ATGAACAATG	GGTCTCCAG	ATCTCTGCAC	GTGCTGGTGC	GTTTATCTCT
107701	TTTGATACCC	AGCTCAAATG	TTAGTTCCTT	AAGTATCGTC	TCCCAGCCAT
107751	TATTTGGTTC	ATACTCTGAC	TTTATTTTTC	AATGTATGGG	GTGTGTATGT
107801	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGAGAGA
107851	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAGA	ACACTTAATA	TGGAGAGCAC
107901	CAGAGAACTG	GGTTCTTGGC	TACCTTGTAT	TGGGTTGTAT	CAGAAACCCCA
107951	AAAAGCAGCA	GACAGCATTC	TTAAATATACC	TTAACTGAAA	AAGGAATTA
108001	ACAAAAGAAC	TGCATACAGG	CACGTAGGCA	GGCTTAGGCT	TAAAGGAACC
108051	GGTAAGGCAT	GGTAGGGAAT	AAAGCAGGCA	TATTACTCTG	CATTTCCATTA
108101	CTATAATAAA	ATACCCGAGG	CTGGGTGAGA	TTATAAAGAA	AAGAAGTCCA
108151	AGGCTGAGAG	GCTGTGTATT	GCCTTGGTCA	GAGAGTCCAG	GGCCTCTGGG
108201	ATCATAAGAA	AAGATCCCAG	GCATAAGCAG	TCTTGTGGGA	CTAAGTTTTT
108251	TTAATATCTC	ACACTATCAC	AATAGGGATC	AAATTTTCAG	ACATGAACCC
108301	CCCCCTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	CCAAATTCATA
108351	TTAAGTCATA	ACAAGACAAT	GTCTAGAGAT	GAGGAACCTC	GGAACTGGGG
108401	GAGAGGGGTT	TGGCAGGGA	GCAAGTGACG	AATGGCTAAC	TTGCCCATGA
108451	TTACCCCTCC	TGTCAGTGT	TTCCCTGACTG	AATGCAACTG	GAAGCCAGAG
108501	GATAAGGGTG	CAGGGGGAAT	GTGGCTCATA	AATGCCAATC	TTCTCCAGCA
108551	TCCTGGGGCA	CAGCAGAGCA	GGAAAGAACA	ACCAATGGAC	TGGATGGAGG
108601	CAAGCCAGCA	GAACCAGCCA	GTTCTTGCTT	CAGCATATGC	CAAAGAGAG
108651	GTGATAACTA	AGTGAGAAGA	CAAGAAAGC	TGAAGCAAAA	GCAGATATAC
108701	CAATAGGTGT	TTTACAAGCC	CCGAGGTGGT	GGCGCACACC	TTTAGTCTGG
108751	GCACCTCAGGA	CGTAGAGGCA	GGCGGCTCTC	TGAGTTCGAG	GACAGCCTGA
108801	TCTACAGAGT	TCCAGGACAG	TCAGGGCTAC	ACAGAGAAAC	CCTGTCTCAA
108851	AAACAACAAC	AACAACAACA	AACAACAACA	AAAAGTTTCA	CAAGCCTCAG
108901	TAAAGTGAAC	GAAAGTACCC	TCTACAAACC	TGCAGTCAGA	CGTGTGGCTG
108951	ACAACCGTAA	CTTCAGTGCT	CAGGATAATA	AGACAGGAG	CGTGCCATGA
109001	ACGTGAAACT	AGCTTGGTCT	ACAGTGCATT	TTAGAACCTGC	CTGGGCTACA
109051	GATGTGAGGC	TCTATCTCAA	AAACAACAAG	GGGAAGACAA	TAATCTTTAA
109101	ACCTCACAGA	AATTTTACAA	GATATAACAT	CGACCCCGTG	TGTGTTTGGT
109151	TAAAGTCTCT	GAGACCTTTG	AGAGTAAACG	ACCCAGTAAA	CGTGGAATTG
109201	TGGAGCCAAAG	ACTACAAATG	AGGCCCCAGA	TTTTTTTCAT	TGGACCAAGC
109251	TAAACATGTT	TATATGAACA	AGTTAAACAT	AGACACACAC	ACACACACAC
109301	ACACACACAC	ACACACACAC	ACCCCGTAGC	CCCCCTCCC	CCCCCTCTGG
109351	TCAATTTCCCG	AAATGTCTGT	CTGCTTGCCG	AATCCCTGAG	CAGAGTCTGT
109401	TTCCGCTCTG	GTGGCTTTTA	GCCTACATAG	GGTCCACAG	GGAGGCGAGC
109451	TTCCGCCGGC	TGAATATTAT	AGTGACAATC	TAACGCCATT	CATACTCCAA
109501	TCACCAACTG	TTGCTCTCTT	TCATCGCTAT	TGTGTAGGGT	GTGTAGATTT
109551	ATTTCTATTG	TTTGTAGTCA	GCATCTCTCC	GTGTGGGTAT	GTGTATGTGA
109601	ATGCAAAATG	TTACAGTGTAT	CAGAGGTATT	GGATTCACAT	GGGAACCTGA
109651	GCTATAACCA	ACATAAGCCG	CCCAACGAGT	GTACAGGGAA	CCCACCTCAT
109701	GTCTCTTACA	AGAGCAGGAC	ACAGATTTAA	CCATGAGAGAA	ATTCTCTTAA

109751	CTCTTAATTT	TAATTTT	AAATTTT	AATAAAAT	GATATAATAT
109801	ATATTATATG	TTGAGCATAT	TCCCCTAAAG	CCCTACCC	CTCCTTTCCC
109851	GCCTCCTGTT	AGTTTCATTT	CTTCCCCAAG	ACAGTTTCAC	TTCCTGCCGT
109901	AGGTCAGATA	TTTCATACATG	ATTTTCATGTA	TCATATAAAA	AAAAA
109951	TCCAGGAAC	ACAAAAGAA	GAAAACATGT	TCATTTTTT	TTTTCTTTCT
110001	GAAGCTGGCT	GAATTCGTTT	AATGGATCG	TCTCCAGTCA	TATCTACTTC
110051	CACACGAGCA	CGGTAACATC	ATGTTCCCGT	TGTTAGATA	GACCACACTC
110101	TCTTTATTCA	TGCCTCTGTC	CTGACTTCGT	AATCAGCTAC	TGTAGACTAG
110151	AGCTGCCGAT	AACCACAGAC	GTGCAGGTAC	CTCTGTGATG	GTTTCCCAAG
110201	TCCCTCAGGG	AAACACCTAG	AAAGTGGCTCA	TGCCCTAGTT	AGTTGTTTGA
110251	GAGACCTCGA	TACTGATTGC	CTCAGTGACT	GGACCAAGTTT	ACCTTCCCTAC
110301	CAGGGGTATA	GAAGAGCTCC	CTTTGTCCGA	ATGTTGGCCAG	TGTTTGCTGT
110351	TTGTTTTCTT	GATGCCTGCC	ATTTCTGACTG	GCTGGAGACA	GAACGCACTG
110401	TATTTTAATT	TGCAGCCATC	TGTTTCTTTA	TAATGTAATT	ATTTAAGAGC
110451	ACCCCAAGCT	TTTAAGGCTT	TGGGAAATCT	GGGTTTTGT	TGCTTCTGT
110501	CACCTCGTCT	GAAGCACTTG	GGCAGGCACG	GGTCAGTACA	CTCAGTTATT
110551	TGGTGTCTTT	TAATGTTTAA	GAAAACATCA	CTTAGACCGT	ACATTGTTAC
110601	ACATCGGCCA	CAAACCTGTA	CCCTTTTTTC	TCCCATTTGA	TATTGGACAA
110651	TGAGTATTTA	TTATCCAAAG	TATATAAATA	GCACATTCAA	AACAATTAGC
110701	ATATATCAAT	TGTGTATAGT	CATGAGTTCA	TGCTTACAA	GTACTTTGGCT
110751	CATTTTCACC	CCATCAGAAC	TTTTCTTTT	ATCTTCTCTT	TGCCCCACC
110801	CTAGGTGTGC	TTATCTTCC	CAAATAACAT	TCTTTTACT	TTTATGCCCT
110851	AAGAAAGAAA	ACCAGACTCC	ATATGTGAGG	GAACGTGTGT	GATGATTGTG
110901	GTCTTGAGCC	TGGTCTACTT	CACATAATCT	GATGAGCTCC	AGTTTCATCC
110951	ATPATCTCTG	GAATGGTATT	TGTGTTCTTA	TGACATAAAT	ATCAGGTACT
111001	GGCAGCACAC	TTTTCTGTATC	ACCCATTAA	GGGAACCCAG	GCAGATTGCT
111051	TCACCTGGCT	GCTGTGAACA	CTGCCATGGC	ACATGTCATT	GGCTCTCTCA
111101	TAGTAACCT	AGGGGTGTAA	GTTACTTCAA	GGGATTTTTC	TGTTTGCTGA
111151	CGTTTGACTA	TGCGGCATCC	TCATTTCCATT	CAATATCTAC	TCAGTATCAA
111201	GGTTGTGAGG	AGCAACATTT	TGGAGGCGGA	TTTCTTTCCG	TGGAAITGCT
111251	TTGAGGAGAG	CTGCTGTCTT	CAGGGAATGC	CTAGAAAGGA	TGGTTACACT
111301	CCACAGCTGT	AATTACATCC	AATAGACTCA	GCTTGTGAAT	CTAATTTGTT
111351	TTGTAAGCTA	ATCCATCTTG	TGTGGAAGA	GTTGAAAGTG	CTTCTCTGGA
111401	TACACCGGTG	GAAAGAATACC	TTTATAAAAC	CCATTCTGTC	ATCTATCCCC
111451	ACCCCAACAA	CCATCCACCT	GCCCCACCA	CCACAAATCA	CCTAGGACAC
111501	TAGGTGAGGG	GAAAGGGAAT	AGAAGAGAGA	TTAATAATGG	TGAAAAA
111551	AGATCCAAGT	ACATTATAGA	CATGTTCTTA	TTACCATGTA	CAATTAGTAT
111601	ATGCTAATAA	TTTTGAAAA	ACTGTTTATA	CAACTTGGAT	AATATAACTA
111651	CTCATGAGCT	AATATTAAT	GGAGGCAGGG	GAAGGGTACA	AGTGTGTGTC
111701	ACACATGTGA	CAATGTATCT	TTTAAGAGTG	GCATTTCCGT	GGGCAGTGGT
111751	GGTGCAACGC	CTTTAATCTC	AGCACTTTGG	GAGGCAGAGG	CAAGTGGATT
111801	TCTGAGTTCC	AGGCCAACCT	GGTCTACAGA	GTGAGTTCCA	GAGTTCACGG
111851	ACAGCCAGAA	CTACTATACA	GAGAAACAAC	CAAAAAA	AAGAGTGGCA
111901	TCTCTCTGGG	GCTGTGGTCT	TCTCCAAAGG	TGTACCATTT	CACCATCTTT
111951	AGTATAGCTT	TGTCATTGCG	TGAGCAAGAG	CTAAGTCCAG	ATGCCATTAT
112001	GACTGCTCAA	AGTCCCACT	AAGACCACAT	AAATTTCCAT	ATTTAGTTGA
112051	ACATGTGTGA	ATTTTTTGAG	GTTATCAAA	GAAATGTCAA	CTTCCATTGT
112101	ATTGAAACTA	CCAAACAGCC	CCTATTAGTG	TCAGAAAAAT	CCCTTAA
112151	TGCCTTAAAG	CATAGAAAGG	GATGTGAGAA	GGATTCTGTA	TTGGCTGAGC
112201	ATCCGTGACG	ATCTGGCTGG	AAACCCGAAC	ATTAGTCTTG	CAAGCAAA
112251	GCTCTGGCTG	AGAGTGGTGA	AGTCTGTAGC	TGGTGGCCCT	GCTTGTCTTC
112301	AGAGTCCACT	CCACTTCTTC	TTACTATGTG	GCATAGCAAA	ACTCTCAGTT
112351	TCTCTTCTTT	ACTTTCAATTA	TCAAAATAAGG	TAAAGTTTTC	ATCTCTTTTA
112401	TAGCCTCAGA	GGCCTAATTA	CATTTTGTATA	CGAAGACTCA	GTTCAAGGGT
112451	TGTGTTAAACA	GAGTGAACAT	TTGCAGTATG	TCTTAGCGTT	TCTAGTGCTG
112501	TGGTAAACCC	TATGGTCAAA	AGCTGTTTGA	GGAGGGGAAGG	GTTCAATTGG
112551	CTCACACTTC	CACATAATAG	TCCACCATTG	AAGAACATCA	GGACAGGCA
112601	GGAACCTTGA	GGCAGAAGCT	AATGCAGAGG	GCATGCATGT	ATGGGTGCTG
112651	CTTACTGGCT	TGCTCTTGCA	AGACAGTTGA	TCATACTTCTG	GAACCTGAG
112701	ATTGTTTCTG	TTACTGGAAA	AACTGTTTC	TAGTTGTGGT	GTGGCTCACC
112751	CTTAGCACAC	ATCTAAAAATC	CCTTTGACTC	CAATACAGAC	AGGCGTTTAG
112801	TGCACACATT	TAATCCCAA	CAATGAAGGT	AAAGTTTAAT	TGTAGAAAGA

112851	AGCACCCATG	TTTGAAAGTG	ATGTCTAATT	GAGTGGCAGA	CAAAGTGATG
112901	AATCAGAGAA	AGATTTGACA	GAATTAGATA	TGCCCAACTC	TCACAAGTGG
112951	AGAGAGGAAA	GGGAAGCCAC	TTGAGGGGCA	GTGCAGGCAG	AGAGAGGAGG
113001	GTTTMTTTT	TTTTATTGAG	ATAGTTGTAC	TGAGACAGAC	GATTAGAACA
113051	TATTGCCAAG	GGTAGTTTGA	GGCCAAGCAG	AGCAAAACAG	TCAGAGGCCA
113101	AAAGAGAAGC	TAGATTGAAT	CTGTCAGCTT	GGAGAGGCAT	TTGAGCCAGA
113151	ACAGCTGAGT	TGAACCAACC	TGTAAGAGTT	CAGAAAGAA	TAGAAAAAGT
113201	GAGTTTATTCT	AGCAGCAAGT	CTCAGAGGCT	AGAAACAGTC	TGTGCTAGTA
113251	TTAGACTGTA	CAGAGGCTAG	AAGCTTCCAG	GACTAGGTCT	AGGTTAGCAG
113301	ACTGAGGCAG	TAAGCCCTCCA	AGATGCACAG	CAAAATAAAG	ATACCTTTAAC
113351	ACTCCCCATC	GCCTGCTCAG	CTTTACTTCT	TATAGAACCC	CAGGCTCATG
113401	AGCTTAGGGA	TGACAGCAGT	CATTATAGGC	TCCCCCATC	AGCCATTAAT
113451	CAAGAAAAGG	CCTCACAGAG	TTGCCTACAG	GTCAACTTTC	TGGAAGCCTT
113501	TTTTCCTTTT	CCTCAGTTGA	GAGTCACTTT	TACTAAAGGA	CTCTAGCTTG
113551	TGTCAAAGTTG	ACACAAAACA	CCAACCCAGC	ACTCTCCTTA	TCTTCAAAGC
113601	TTTACCCTT	TCCCTGAAAC	AAGTCGATGA	AGCAGCTTGA	GTGTTGAAAA
113651	ATGGCCAGTG	GATACGTTCA	TCTCAGCCTG	TAGATATTCC	TTCAGTTAGA
113701	ACCAATGCAT	GGAAATCCTAA	AGTTGTATAT	AGAAGACCTA	GATTTCTGCT
113751	TTTTCCTTGA	AAACGAAACAA	AAAAGGCCAAA	AAACCCCTCAT	GTGATAGCAA
113801	CAAGCTCCAG	CCATGAACAA	GGAGAGAGGC	AGGTGGATAG	GCTTCCAGGC
113851	TGACATGCAC	TTCTCAGCTC	TTGGGAACAC	ACTGGCTCCT	CAGGCTTAGC
113901	TATTTGGGAC	TCATTACAGT	TATAAGAAAG	AAGTTGTCTC	CTCTATTTTT
113951	AAACTAGACT	AAAAGCCATA	GAAAATGCAT	AATTTATTCT	AACCAACAAA
114001	GGCCAGTTTG	CCACATAGTA	ATCCTTTGAC	AAATGTCAGC	TCCCAGTTCT
114051	CTGTTTTATG	GGCAATTTAA	GGCATAATTT	CTTTTCCAAA	ATCACGTTGT
114101	GCTCTTTAGA	GAGGCTTGAA	AGTGCCATGG	GACCTCACAA	TTTATAGAGT
114151	TTGAAATTTAA	TTTGAACCTG	CCATTCTGTT	TTGTGGGCAT	GAGTGCCTGT
114201	GTACCACAGG	ACCCACACGA	AGGTCAAAAG	GCAACTTTTG	GAGATTGTTT
114251	TCCTCTTCCA	CCATGTGGGT	CCCAGGATAG	AATCCAGTCA	CTAGGCTTGA
114301	GCTACAGCAA	ACGCTTTTAT	CTGCTGAGCT	GTACACCTTG	CCCTGATAGC
114351	TTTTTACAGT	GGCTGCAGGA	GCTCACAGAA	GATGCTGTTT	AGAGGCTGTA
114401	CGAAGATCCT	TTAGGTCTCT	ACTGTGGTCA	GATCACGTTT	CCCCAAATTC
114451	ATATGCTTGA	ACTTAATTGC	TAGTCTGACC	TTATCCAGAG	ATGGGGCCAT
114501	CAGCAGGTAT	CAAGTCAGCC	AAGAGAGTGG	GGCTCTCAGA	TGAGGGATGC
114551	AGGGAACATGA	TTCTCTTTT	GTACCCCTGG	CAGGTCCGCC	ATGTGATAGC
114601	TAACGATTCA	GCAGGAAGAT	AAAGAACGGG	CTTTCATCTT	GACTTCCCAA
114651	CCTCCAGACT	TTTGAAAAAT	TACTTTTAT	TATAGATTAT	TCAGTCTCAG
114701	GTATTTAGTT	ATAACAGAAC	AAATACACCA	GGTCAGTATT	CTCAGACGAT
114751	ATTCTTGCCA	AACCACCCCG	GAGTGGTTCC	GAGGAAGCAG	ACCAGGGTGG
114801	AGGCTGCCGA	CAGTCAGAC	AGTGGCTGAA	AGGGGTTTGG	ACCCCCATCC
114851	CAAGACGTAC	AGCCAGCCCT	TCCCTCTCAG	CCTTTTGCCG	AACGCTGACA
114901	GGCACCGTGA	AGGGTACAGT	TTTTCTCTGAT	GAGAAAGGAT	CAGTATGAGA
114951	ATTTTATAGA	AAGAAAAGGC	CAGCTGCTTG	GTATGCCGGG	CCACTCGCTG
115001	TGCTTTGCTT	CCGTTGGTGG	CTCCAGCATC	TGAGATTCTT	GCATATGATG
115051	GAATAACAGA	AACAGAGGCA	CAACCATGAC	TTATGACTTA	TGAGTTCCAA
115101	AACTAGTGTT	CCAGTGATAA	TGCTGGGTGG	ACCCTGAAAA	ACAGTAAGTA
115151	CCTGACTTCC	AGCAAAATCAA	GCCTCAAGAA	GAGTTTGTCT	GTTTGCTGTT
115201	TGTCCTGACC	AACTCTTTTC	TGGGTGCTTT	TCGGGACAAG	CAGGTTGGAG
115251	CCCAGCCCTT	CACATATCCC	TGAGGTCATC	TCTTTAAAAA	AAAAAATAAA
115301	AAAAGCCTCC	CAGCTGCAAG	GGAAAGGCCCT	GTTTCCCCCT	CCCCCACTGC
115351	TGAGATCTTC	AGATCTCTTC	ATTATTGATG	TCTTTGCTCC	TGCGGGTTCAT
115401	TTCCAGCCTC	GAATCATTTCT	CTGATTATCT	GACCATCTCC	TGGGGGAGAC
115451	AAATAGTTTC	AAACATTTCT	AGTGACTCAT	GTAGCTTCAC	TAAATCTTCT
115501	GTATATTTTG	TTGTTGATGT	TTTACACTTA	CACACACACA	CACACACACA
115551	CACACACACA	CACACACACC	ACTGAGCAAG	CTCTAGACTA	CCAAATTTTC
115601	CCCTGTGCAT	GCCTTTATTT	GAATTTTAT	TTCTATTTAT	ACAAATAGAAA
115651	TGAGGGTGTA	ATTATTTCTT	CATTAACCGA	CCCCACCCCA	CTCCCCCAGA
115701	ACTTGAAGTT	TTCTGTATGA	GAAAGGATCA	GTATGAGAAT	TTTATAGAAA
115751	GAAAAAGGCC	AGCTGCTTGG	TATGACGGGC	CATTCACTTT	GCTTTGCTTC
115801	CGTTGGTGGC	TCCAGCATCT	GAGATTCTGC	AATGATAGGA	GTAGCAGAAA
115851	CAGAGGCACA	ACCATGACTT	ATGACTTAGA	GAGTTCACAA	ACTAGTGTTT
115901	CAGTGATAAT	GCTGGGTGGG	CCACTGAAAA	CAGTAAGTAC	CTGACTTCCA

115951	GCATCTGCTA	AAGGCTCATC	TCTTGCCAA	TTGAGCTCAT	TGCCCGGAGC
116001	CTGTGCGCTT	TTTGAATCCT	GTGGCAGCCA	TTTGGGTGAG	CAGGGGCTAA
116051	CTTGGGAAGT	TCTTAAGGCA	ATTATTTTGG	TCTCTGCTGT	TGGTTGGTAT
116101	GAGAACCCCA	GGCTGCCAGC	TTACCCAGCC	CTATCTCGCT	GGCTTTTTC
116151	CCACCCCACT	GCACCTCCT	AATAGACTGT	ACAGTCCAGG	AACACATCAT
116201	AATCATAGTT	GCCAAGTAAG	CCAGGATGCT	CTCAGCTCAG	AGATTCTGAA
116251	CAGGCTGTTC	TCTCCAGCC	TGTTCTTCTA	CCTCCTCTCC	CCGGAGAACT
116301	CCTACTTATC	TCTCATGGCC	CGACTCAAGC	ATTTTTTCCC	CCTGTATCCA
116351	AATAGCCTCA	GATCTTCTGA	CCCGCCCTGT	ACCTAATGTA	CAATTGAGTT
116401	ACACAACCTT	CTTGACCTCG	GGTCAGTGGA	TGTGCTCTCA	TTTGTAAAGAA
116451	TTTATTTTCG	AATATTATTA	TATTTTTCAC	GATATGGCGT	GATGTCGTA
116501	TAGAAAAAGT	AGGATGCCTA	TGAAGAAACC	AACTCGGGGA	CTATGTGGA
116551	TCGCAGCAGC	CTGTCACTGT	TGCCATTTTG	TTTCTGAGCT	GAGGTGAATG
116601	TTGCCACACA	CCGTGTGCTG	TAGCTGAATC	AGGAGTGTCT	GTCAAGTGTG
116651	CAAGTCTGCT	CTGAGTAACA	TAATAAATAG	TGTGTTGTTT	AAACTCTCCA
116701	TTGATATTCT	TCTATAGTTT	AAAATATCAG	CTGATGTAT	GTACATGGTA
116751	TACAGCTTAC	ATATCATACA	ACCAACCATT	TATATAATPA	ATTTGGTGT
116801	TTCTACTATA	GAGTTGTTTA	TACACACAGT	TAATTTGTAA	ACATTAATCT
116851	CTCATACCTT	TTGACAAGTT	CTCTAGGGGT	ATACTCTACT	GTCAAGCCAT
116901	CACCTATGTT	CTGCCTGTCT	AGACCTGCCT	ACTCTGAACA	TTTCTATATA
116951	GTGGAAGTAT	TCAACATCTA	GCCTTTTGTG	TTCTCTCTGC	CTTACACAGT
117001	TGGGTGACAC	TGTATCTAGC	TAGTAATTCC	ATTTATATGT	CAGTTTAGTG
117051	TTGTTTATAC	TTGTTGAGGA	TTTTGTCAGT	CCATAAAGAA	GTTTTCTTTT
117101	ATGGGTTATC	TACGCTCTCT	TTGGATCTCA	GCAACTATCC	TCTAAGACA
117151	AGTCGAGAGG	CAGTCCCCTG	TTTTATACCT	TTTGTGAGTT	TCTGAGGAAC
117201	TTATATTAAT	TATTTATTAT	TTAAACATCT	TTGCAAACTG	TTAGGACCTT
117251	TTTAAAAAAA	TCTGTAGATA	ATTCTAAAT	TATTGATTGT	AAATAGAGAT
117301	TACTGTCTAT	CAACTATTGT	AAGGCCAACA	CATTAAGAAA	TAAGTCCAGT
117351	GAGAGGACAG	TTTTGTTACTT	ATGGCTCCCA	AGAGAGCCAA	ACGGTGGGGA
117401	AACATCAAGG	GCCACAAGGG	GAAATATCAA	GGCAGGCGAG	GACTAAAGGG
117451	GTCAAGGGGA	AAACAGGGGC	ACGAGGCTTT	AGTGTAGTCT	CTGAGGACCT
117501	CATATGFTGT	ACTTGGAGCA	GTCACACTGT	TCTTCCCCCT	TACCTCTCC
117551	CCTCCTCTTC	TTTTAAAAATG	TTTTTATTATG	ATGTGTGTGT	GTGTGTGTGT
117601	GTGATGTCAT	GGCAGCTCAC	ACACTCACAG	TACAGATGAC	CTCAGCTGTC
117651	TCTTCTCATC	ATGTGGGTTC	CCAACATGAA	ACTCAGGTCC	CGAGGCTTGA
117701	CTGCGAGTAC	CTCTGTCTAC	TGAACCATCT	TGGCAACCTT	CTTCTCTTCA
117751	TAGCGCATGA	GTAACCTTAA	AATAGATTCC	TATCTGAGGC	AAGTCAATCA
117801	ATCTCACAAT	TTCACTCCAA	AGGGCTCTCC	CTGCAAGCTT	CGGCCTCTTC
117851	CTCAAAACGCC	ATCACGCCAA	TTGTATTGGC	TCTCTGTGTA	TTGGCCTTTT
117901	CATGTGTTTG	CCTATGAATT	TACACACACA	CACACACACA	CACACACAGA
117951	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAGA	GACAGAGACA
118001	GAGACAGAGA	CAGAGACAGA	GACAGAGACA	GGGAGGAGGC	AGACTTGGTT
118051	GCAACCTTAC	ATCAGTGAGG	ATCAATAATG	ACGGACAATT	TTACCATCCT
118101	ATTTTGACGA	ACATGTAGAC	TGCCACCCCA	AGCTTTTAA	AGGAGTTACG
118151	GAGTTAAAGT	GCTCTTGACA	TGAAACTGCT	TTCTAAGAA	TGGGGCCAGT
118201	CTACTTTCCC	AGGAGGCATG	CGTAAGAAATG	CCTAATAACA	CAGTATGTGG
118251	AGCGTGTTAG	TCTTAATTTG	CATTTTATTA	TTACTTTGAG	ACTCGGCGAGT
118301	TTTTCTTCTG	TCTCTGTACA	GAACCTTGAC	TAATGCCACA	TTTACTAGAC
118351	AATTGTGTTT	TCTTCTTGGA	TTATGACATG	GTTGGCCTTT	TGCTGGCTTT
118401	CCAATAAGTT	CTACTTTTGT	GTTGCCACAC	TTATTTGTCAT	GAATAATATG
118451	TCATGTCTPAT	TTTCTTTTCA	TAGTTTCAAT	TAAAAATATT	CTTTCCTGATT
118501	TCCCTCATGC	TTTAAATTTT	TAATTTTCT	GTCCTGACAG	ACCAGAAAGA
118551	GTGTCGGAGC	TCCTAAGACT	GGAGCTGCAG	ACAGTGTGTA	GCTGCAAGCT
118601	GGGTCTGTAG	AATCAAACCT	AGCAGACCGT	TCTTCTAACT	GCTGATCCAT
118651	CTCTCGAGCC	CCTGAGCATT	TAATTTTGT	ACACGGATT	TGATAGACTT
118701	TTTTTACATG	GAGCTGCAGA	GATGGTTTCA	TGGTTAAGAG	ACCAAAATGC
118751	TCTTCTAGAG	GTCCTGAGTT	CAAATCCCAG	CAACCATCATG	GTGGCTCACA
118801	GCCATCTGTA	ATGGGATCTG	ATGCCCTTGG	CTGGTGTGTC	TGAAGAGAGC
118851	AATTGTGTAC	TCATATACAT	AAAATAAATA	AATAAACTTT	ATTTAAACAT
118901	ATAACCAAGT	GTCATGTTAA	TAAAAAACAC	CCCAAAATCAT	CTCTCTCTCT
118951	CTCCCTCTCT	CTCTCATTTT	TTTTCACAGA	TAGGATTTCA	CTGTGGAGGG
119001	TTATCTGGA	ACTCATTTCT	TAGACCAGGC	TGGCCTCAGA	CTCAATAGAG

119051	ATCCACCTAG	CCATGTACTT	TTTTTTTTTT	TTTTTTTTTG	ATCAGATAAA
119101	TTCCCAGGTA	GCTTAACACA	GAAACAACCT	TGTAAGATTG	CTTGAGAGAA
119151	CAAGGAAGGA	CAGATCGGGG	AGTTTGGCAT	CACGTGACTCC	AGGGATGGAA
119201	CAGGCACCCC	TGGGAGGAGT	TTTGAGAGAC	CTGGTTCTTC	TCACTCCAGG
119251	TTTACAGCCA	TTCTCTGTGC	CTCTGGGCCC	AGGCTGACCA	GTGTGGTAAA
119301	ATAGTGGTTA	AATGCACACT	TAATTCITGT	GC GGCTGAG	GGGCACCTGT
119351	GTGTCTATGT	GTGTGTGGTG	TGCATGTGTG	TATGTATGTT	CCCATGTTTTG
119401	TGTGTACCTA	TGTGTGTGTA	TGTACCTGTG	TGCATGTATA	TGGAAGTCCA
119451	ACACTGATGC	TGGGTGCCTG	CTTTAAGCAC	TCTCTGCTPAT	ATATGATCAAG
119501	CGAGAACTCA	CAGATTTTAG	ATACTCCAAT	GAGCGGGGGA	GTCTCCTGTC
119551	TCGTCTTCCT	TCATCCCTCA	TACCGGGATC	GCAGTTGAAG	CTTTACACGG
119601	GTACTGCAAA	TTGAAAAACA	CCAGTTCCTCA	CACPTGCGAG	GAAAGTGTTT
119651	CATCCGTGTA	GCCAACTCCC	CAGCTCCCAT	ACTTATTTCCT	TGACAAATAGT
119701	TACAATATCT	GGAATATCTA	GGGTAAAATA	TCATGTACTA	ATTAGATACC
119751	TGCTTAACAA	AATACCCAGT	TAATTTATCA	AAGCTAAATT	ATTTTGGCTT
119801	GCAGTTTGG	AGCTGCCGGT	CCATGGTTGT	TGCGCTCTTG	TTTGGAGCC
119851	TGTGGTGAGG	CAGTAGTGTA	GTCAGCAGTG	TGATAGGAAG	CTAAAAACAG
119901	GAAGAGGAGG	GGCCTGGGAC	CTGCAGTCCC	CCTTTGAGGG	CACAGAAGCT
119951	AAAAACAGGA	AGAGGAGGGG	CCTGGGACCT	GCAGTCCCTC	TGTAGGGCAC
120001	AGAAGCTAAA	AACAGGAAGA	GGAGGGGGCT	GGGGCCCGCA	GTCCCTCTTG
120051	AGGGCACCCC	CCCCCCCCC	CGATGATCTA	AAGACTTCAT	GTTGTGCCCT
120101	AGATAGGCCA	ACCATAAAAG	TCTCCACCAT	ATTCTCTAGTG	TTGCCCCAGAA
120151	GGGTAAAGAT	CTAACGTATG	AGCATCTGGA	GAGCATTCGA	GACCAGAACT
120201	GCATCAGATC	TTACTGTCCC	TGGGCTTCGA	TCCATCTCATC	TGGAAAAATGG
120251	GACCAAGCCT	CAGATCGCAG	TGTGTTGAAA	CACCGGGAGA	TAATATATAG
120301	ACAGTGTCAA	GCATGCTATC	TGGCCCAAG	TGGAGTTTIT	TTCCCTCTTA
120351	GGCAGGGTCT	CACCAGTTAA	CTCTGGATGT	CCTGGAACTC	TCTATGTAGA
120401	CCAGATTTGG	CTCAAACTCA	CAGAAATCTG	CCTGCCTCTG	CCTCCTGAAC
120451	TCTCCACACC	CGGCCTCCAT	AGTTGGCGTT	TAATAAACTA	TAGTTAAATTC
120501	CCCTATTTCCT	CAATCAGTTT	TATTTCCCCA	GGAAATCATT	CATATCTCGAA
120551	AGAGGAATGA	ATAGTACCAA	TTTCCCAGGA	ACTCGAATAA	ACPTTACACT
120601	TCATGTGTTA	GTTTTCACAG	TCTGAAATTC	ATGCATAGCT	GAGATTTCAG
120651	TTTCTTTTCA	CCCAGTTCCCT	CTACGTGCAC	GTCCAAGCTT	TCTGTTTTCG
120701	TAAATGGTCT	CACGTCATCT	CTGCGCTGTG	TCTAGAGATC	CAGGCGAAGG
120751	GTGAAGGAAG	CACCCGCTCT	GTAGTAGCAT	CCATAGCGTT	CACCCCTCTCT
120801	GTAGGAACGT	TCATAGCATC	CCTAGCTTCC	AGCCTGGCCC	GTTGTCTGTT
120851	GCGTTTTTCAT	TATTATTGGC	TGTGTACACT	TACTCCTTTA	CCTTCTCTTT
120901	GCTCTACCTC	CCCACGCCAC	TCCCTGCCGC	CCCCACAAAC	AGCTGCTATT
120951	GTTGGCTGCT	CCCAGGATTA	TCTTGTGAA	CACCTGGGAAT	GGCCAAAGTC
121001	TTCCACAGTG	GCTCCTGGCT	TTTTTTTTTT	TTTTTTTTTT	TTTTTTTTTT
121051	TCCTTTCCCA	AAACTGAAAA	GTTTTACAGT	CTCTGGTTTT	TCACATCAGC
121101	TGTGCTGTCT	GCATTAGAGA	CAGTCTGGG	GCATGCTCAA	GGCTCTGTGA
121151	GTCAGCCCTC	CCCTTTTAA	CGTGCCTTTA	AAAAGGACA	GAGAGTTCAA
121201	ACTCCTAAGA	CAGAAATCAC	TTAGTTCCTC	TCTGCTACTC	CATCTCTGGG
121251	CCTTGATGTG	TCTTAAATCC	ATGGGGTTTTA	CTCTGTACCA	GAGTAGGGAG
121301	TTTGAGGCTA	GCCTAGCTAG	ATGAACAGTG	TGCAGTTGTT	TTCTAAGTTA
121351	TCTTCTGTTT	TTATTGTGTG	GTTGTGTGTG	TGTGTGTGTG	GTGTGTGTGT
121401	GTGTGTGTGT	GTGAATAAAT	CTTAAGGAGT	TTCAGACTTT	TGAAAAATA
121451	TCACTGACAA	AAAAAACCTC	AAAATGACAT	CAACAGCAAA	AAAGTTGGAG
121501	AAGTGACATA	CTCTTAGTAA	CATTCCATTT	TGCTCTGAGT	AAAAGATGAG
121551	GGCCGGGPAT	CATCTTTGAT	TGGTACAGTG	TCGGAGGAGA	GCAGTTACAG
121601	TCAAAACTGA	GAAGGAGATA	ATCCTAGAAG	AAAGGAACAT	GCTTCAAGCA
121651	GAAGGCATT	AGAAATAGGA	CTAGCTGTTT	GGTGTTCCTT	CTGGCTGTGA
121701	TCCAAGACTA	CTGAAAAGCT	CTAACAAAGC	TCCCTCTGAG	TGAAGAGCTC
121751	GCTCTACATC	CTCCTCCCAG	TTTACTGTGA	GCTGTCTCTT	CTGATGCTGT
121801	CTTTATTGGG	TCAAGGTTGT	CTCATCCGAC	TACTCTCCCC	TGTCAATTTCA
121851	GCTATGTTTA	CAGATCTTTC	TCCTGGCAAA	GGCAACAGTG	CCACTTGAGA
121901	GAGCCTGGGC	CATCAATTCT	GTTAGCCTGC	GTGTCAACAG	AGCTGGTGGT
121951	GGCAAGGGCA	ACCGCAGCAG	CAGCTGGGAG	CTCCGAAAGA	ACAGCCAGCT
122001	GCTCATGTGC	ATTCCAGGGC	TGGCTCATCA	TTTATCAGGC	AAAGGGGAGC
122051	CTTGATGCC	TCCTGCCTC	ATCCCTGTCC	TGCTCCGTGAC	GCAGGTGGAG
122101	GGGACCCAGC	ACCTTTCATC	TCTGTGCCAT	TTGTCTTATT	CTCTCCAGGG

122151	ATGCTTTGTG	AGGTCCTTGT	ATCAGACGTG	GCCCAATGTC	ACACACAAAA
122201	TGCAGGTCCA	CACAGAGGGG	TTCCCACCTCT	GGCTTCCTCT	GGCTCTCTCT
122251	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT
122301	CTCTGCTGAG	TTTTCATAAC	TAAGATAAAC	TGCAACTCAAG	AGTAGTCAAG
122351	GTTGCGCTCA	AATTCCTGAT	TAACCTACCT	CTACTCCCCA	AATTCACAGGA
122401	TTACAGGTGT	GTACCACCAC	CCCAGCTTTT	TGTTGCTGTT	TTGAGGCGAGG
122451	ATCTCATATA	GC TCAAGCTA	GTCTCAAAC	CCCTATGTAG	CCCAGGTTGT
122501	CCTTGAGATG	CTAGTCTTAC	TTTCTCTTCC	CAAAACCTTGG	GATTACAGGA
122551	GCTGAGTGAC	CATGCCGGGC	CCAGATTFTT	TTAATCCCAA	CTACAGGGTC
122601	AGCAAAAGCC	AAAGGAAGAA	GAAATGTTAG	GTGTACTTGG	ATGTTCTCTTC
122651	GCTCTCTCT	CCCTCCCTCT	CCCTCCCTCT	CCCTCCCTCT	CCCTCCCTCT
122701	TCCTTCCTCT	CCCTCCCTCT	TCCTTCCTCT	CCCTTCCTCT	CCCTTCCTCT
122751	CCCTTCCTCT	CATTCCTCT	CCCTCCCTCT	TCCTTCCTCT	TCCTTCCTCT
122801	TTTTCCTCT	TTTTCCTCT	TTTTCCTCT	TTTTCCTCT	TTTTCCTCT
122851	TTTTCCTCT	TTTTCCTCT	TTTTCCTCT	TTTTCCTCT	TTTTCCTCT
122901	TTTTCCTCT	TTTTCCTCT	TTTTCCTCT	TTTTCCTCT	TTTTCCTCT
122951	ATCTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123001	TTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123051	ATCTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123101	ATCTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123151	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123201	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123251	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123301	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123351	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123401	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123451	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123501	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123551	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123601	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123651	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123701	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123751	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123801	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123851	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123901	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
123951	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124001	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124051	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124101	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124151	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124201	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124251	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124301	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124351	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124401	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124451	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124501	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124551	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124601	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124651	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124701	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124751	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124801	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124851	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124901	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
124951	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
125001	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
125051	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
125101	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
125151	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT
125201	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT	CTTTCCTCT



125251	TGTATGACAA	ACAAAAACAGA	AGCCTGTCCC	CCCCCCCCC	CCAAGTGTGC
125301	TTGTTTTGTG	TATGTATCCC	TTTCTGCCTG	CCGGAAGTGG	TACCTTCCCC
125351	TCAGCGGTGA	AGTATTCCTG	GCTGATTTCA	GGACTCAGCT	CTGTACACCT
125401	TCAGAGAACG	GCGGCTCATA	CCTTAGGGTTA	AATCTTTGTG	CTGTACTCTT
125451	AAACACAATCT	AAATATGCTT	CCTTTGAAAA	GCAACAGTTT	TTCACCTGCA
125501	AAGATCATAG	ATGTTCAAAA	TGACTCCTAA	GGTTTGGATA	TGGTTGCAGT
125551	GTGTTCCCCA	AGAGGATGTA	GGCTGGGAGC	GGTAACCGA	GAAAGTCCCT
125601	CTAAGACAGAA	GCCCTTCCT	CTGGCTTTCT	GTCTTGGCGT	GTGATTTTTT
125651	TTTCTTCACC	TTGTGCCATC	ACTGTGATGA	CGTTTGGCTG	AGGGCTCTCT
125701	GAGGGCTGAG	GTAATTTCTAG	TGTTATACCC	TTCTTTTTTT	TTTTTTTTTT
125751	CCTTCTTAA	GTAATTTGGC	CTCGCACAA	GATGTTGACG	CTGTACCCG
125801	TAAGGAAATT	GTGGCAGGTT	GGGGTTTACC	TCAAAGTTTC	GCCGCGAGCT
125851	TGTCCTGGCG	AGTGAGAACT	TACTCCCGCA	CCGCCCTCTA	TGAGCTGCTG
125901	GGGTGTCCCC	TCCACTCTCA	TACCCGACGC	TTATCAATTC	TGGGCAGAAC
125951	CATCCTCCGT	CCGTAGCAAG	TATGACCGAG	GTCTGCGCGG	ACCCGGTGTCT
126001	AGGCTCTCTA	AGATGCCCTGT	GGTCTATCCT	AATCTGCCCC	TGGCTCCTCT
126051	CTTATATGCC	TCAGGCTCAG	GGTGGCTCTC	CTTGAGACCA	TGGCATTTCT
126101	TTCCAGTTTG	ATGCTTCTTA	CCAGGCGCAC	CACGGACACC	AGCTACCTAG
126151	AGATGTGCGT	CTGTGACGCT	TGGGGGAAGT	CCTTCACGAA	TGGGCAGAGA
126201	ACCAGACCAG	CAAAAAGTCA	TCCTTTCCCT	TTCTTCCCTCT	TGCTCTGCTTT
126251	CGTATTAGT	CGGAGAAAAG	GAGGGAACG	GATCTGGCCG	AGAAACCCG
126301	ACTTTTCTGG	CCTTGAACCTA	TGGTCTAAGA	TTGAATTGAC	TACCTCTGGT
126351	GGGGTCTCTCT	TGACCCCTCCT	AATACCCCTCT	AGCCTGGCAG	GTGATCAACA
126401	TGTCTCTCTT	GTATGGTCCA	GAAAAGACTC	TTATCAGCGG	CCAAGAACGA
126451	GGCCCCAGGA	TAAAGATTCC	TGAAAACACG	AAATTTAAGT	GC'TTTCCAGA
126501	GTCCCTTGAGT	GGCTGTTTCAT	TTCTAAAAGT	TCCTTCCAG	GATGCCAATCC
126551	CCGAAATACT	TGCTGGGGTCT	TTATCCAGAA	GTCCTGAGCA	AGATTGCCCC
126601	TGTCCTCCGGA	ACAAGTCTGT	GTAAATGGGTA	CCTCTGTAAC	CTCTGAGCCG
126651	TGAGACTAGA	TTTGGTTTGT	CGAAGCCAA	AAGATTTCAT	TC'TTAAAGGG
126701	TTGCATGGAA	TTTGTTTTTCT	TGCTTATATCA	CAAGGCCACAG	GTAAGACTCG
126751	ATCAATGATC	CAATAGGTAA	CGGGGATGCA	GCTTGCAGGG	GGTGGTCTGT
126801	ATGCTAAGGC	CCTGTITCCCA	GTGCCCTCAGT	GAAAGGAAGG	TAACTTGCAA
126851	AAGGCACCTGG	GTTTGAACCC	CAGCTTTTTTT	GTCTTTGTGT	CCCGCTTCCC
126901	CAC'TAAGAAA	ATAAGTTAGC	GAGAGATGCC	AATTTTCCCC	CTCTGGTCTG
126951	TTCCATGTCA	TTTCTGTGAC	GTGGGTTTGA	GAAAACAAAG	CCCTTAAAGG
127001	TGACGAAATAC	ATTCTGTGT	CAAAAATTTAC	CCAGGGGAGT	GGCCTTGGGG
127051	AAAGGTGCTG	TGTGAGCCTA	ACAGCAGGAG	GTGATTTGTG	CTCCTAAGGT
127101	CTGTCCCAT	TACTCAGATT	CTACTCCAGT	GGTGGCATAG	AGTGATATTA
127151	CTGAGGCCCG	GTTCATCTTG	GGACCGAGTT	CCTGTCTCTG	GTCTTTTCAT
127201	TCACCAAGCA	CTTGCAATTGC	TAAAGATGCA	GTGACAAGAC	TTGGAGGTTG
127251	AGTTCCCGAG	TGTGGTCCGT	GCATCCGCAG	TGTTGATCAC	GAGCACCGCA
127301	AGTCAAATCC	TTCCAACGAG	GCTGTTGGAC	TGTGTGAGTA	ATTTGGGCCT
127351	AGATGAAGCA	GGAGGCTCAC	TGCTCAAGGT	ACAGATGAAA	TGTAGGCTTG
127401	TAATCCAGCG	GGGCTGTGGC	TGGGGCATTTG	TGATGGACTA	CATAGCAAGG
127451	CTGTCTTTAA	AAGGATACAG	AATGCCGCC	AGGGCCTTGT	GTAAAGCCAA
127501	GAAACCAACAG	ACCCGACGCA	GAGCTCAGGC	TGTAGCTCAG	TTGATAGAAC
127551	GCATGCCCTCC	AACACACAAA	TCTCTGGGTT	CTACCCCGAG	CACCCCATAA
127601	ACCAGGCTTC	ATGACGCTGT	GACCTCTGCA	TGCTTTGGAA	ACAGATACAA
127651	TTATGTGTCA	CCGACTGGCC	TAGAACTTTT	CATCCTTTTG	CTCAGTCTCC
127701	TGAGTGCTAG	GACCTCAGGC	ATGGGCCACA	GCCCCACAGG	GATTAGAGGAC
127751	GATTTTGGGA	GGACTGCCAC	CAAGTGTTTT	CCTTGTAACT	ATTTTACTCT
127801	CCCCAGCTCC	CAAGATTTTA	CAGAGTTTTC	TGTCCTGGCA	AGAAGAGTAA
127851	ACTTGGCCAT	GAACGTTAGC	CTGTCTTCT	GGGGCTATT	CCCCCCCTCT
127901	GGCAGTGGAG	GGCGCGGCTG	CAGAGATGAT	TACAAGCACA	GAGGAAGGCT
127951	GCAGAGCAGC	GGGTGTGAGT	CTCAGTCAGG	AAGACAGGAG	GCAAGGACGC
128001	ACGCATCTGG	CGAGCCCTTC	TTGCCAGACT	GCTAAAATAG	GTAACCTGAG
128051	TAAATTGCCA	CCTTTGATGG	TCACGGTGT	GATACAACCC	GATCCCTTCC
128101	TTCC'TAAC'PT	CTTCCACAT	TCTGGCAGGT	CATCCAACAG	GTGCATCTTT
128151	GGCCTCTGTC	ACGGTTCCAG	TGTGACTCGA	GACAGGACGT	GACAGCATCT
128201	GTATAATCCC	AGCATGTAGC	AGGCAGAGGC	AGGAAGGTCT	CCAGCTTAA
128251	GCCTGCCCTAG	GCTATTTATT	CAGTGAGACC	CTGCTCCAAG	AAAGGTAGAA
128301	CTGGCTATAG	TGCTCCACAC	TTGTAATCCC	AGCGCTGGGG	AAGCAGAAAC

128351	AGGAGGATCG	CCCTCAGGGT	GGTGCAACCG	CTGGGTCTCG	ATAGTGAGTT
128401	AAGTGCCAGC	TGGGGCTGTA	TAGTGAGGCC	CTGTATCAAA	CAGAGAAAAG
128451	GGGAAGGGGT	GGACCTATGA	AGCGGCTCAG	TGCGTTACGG	AGTTTGTCTT
128501	GTCTCTAAGC	CTAACATCT	GAGATCTATC	TCTGGAACCT	ACACGGTAGG
128551	AGGAGAGAAC	TTACTCCCAA	AGT'TTCTCTC	TAACCCCTGC	ATAAGCATCC
128601	TGTGCTGTGC	ATGTGAAACC	CCATACCTCC	CACTAGACAA	AATAAAGAAA
128651	TGTAAATAAG	TAAAAATAAA	TAGTGTAAAT	ACAT'TTTTACA	AAGT'TATTTG
128701	GCCTCAAGTA	TTT'TGT'TGTA	GTAAC'TATTG	CTTAA'TTGTCT	TGCTACAGTT
128751	GACTAACACA	TTGTCTACAAA	GT'TTGGAAAG	TTCAAAAAAAA	CCACCCCCAC
128801	AATCTCCCAT	TAT'TCCATCA	TCCAAGGGGA	ACACATATTT	TCATACGCAT
128851	AATTTAGCTC	TCCAAA'TTTT	CAT'TTTGTAT	TTGCTCTTGC	CTTAGACATC
128901	ATGAAGGATT	TCCCAGT'TAC	CTCCAGGAGA	CTGTAAAAATG	AAGTATGTAA
128951	GAGCTTGAAG	GATACGCCAT	CGCTAAGCAT	ATCCAATCAT	TAAGCATTTCT
129001	TAT'TATGATT	ATTACTATGA	TTATAGTAAA	ACTATAATGA	AACCT'TCCTT
129051	GTGGTGTGAT	TCTGAGATGA	ACATCTGTGA	ATGCAAACTCT	TTGCCCCACAT
129101	CTCTGATTAT	TTATATTTGG	AAGAT'TTCT	TGTTTGT'TT	T'TGATCATGC
129151	ACACGCACGT	GTGCTGACT	GTGAGTTTGT	GTATGAGTGT	GGTGCCTTGT
129201	GAGGCCAGAG	GTGTCAGATC	CTCTTGGTGC	TAGAGTTCCA	GGTAGCCGTG
129251	AGCTCGAGAA	CAGGAGAGCT	GGGTACCCAA	CTCAGGTCCCT	CAGCAAGAGC
129301	ATCAC'TTAAC	TTCTGAACCA	TCTCCCCAGC	TCC'TT'TATTT	CCTT'TAAGAG
129351	GAATCCTTAC	AAGGAAAATT	CCAGAGTCAA	GGGATATGCA	AATGGATCCG
129401	AGGTGAGGAA	GGAGGATGGA	GAACCAAACC	TCTCCAGGAA	GGAAC'TGCCT
129451	GGTCGCACCC	AACTCTTCTC	CCTAATGCCT	CCTGGACAGA	ATTACATCGT
129501	GTACAT'TATA	GAATCCAGGA	TGTGGCTAAA	GTAGAGAGAC	TACACACACT
129551	CAGCTTGC AA	TTCCAGATTG	AGACACCT'TT	CTTCTT'TTTT	TAAACTGAAA
129601	AAAAACATCT	TTTTTTTAAA	AAATACAATA	TATATGTGTA	ATAGTTTCCC
129651	CTCCTCCAGT	TTCTTTTATG	AAAAACTTCT	CTAATTTAGG	CGAGTCAGTT
129701	CCTGAGAAGG	CTCAGTGGGT	AAAGGTCTCT	GCCACCAAAC	TTGATGACAA
129751	GT'TT'GATCCC	TGTCCTTGTT	GGCT'TTGGGA	TGGAAAGCTGA	GAAAACCTCAT
129801	TT'CAGAGACA	GAAGCTTAAA	AATGAAAAC'T	TTATATTTCTG	AAC'TCTCAGG
129851	AAAGCAGTTA	GT'TTGGGTTT	TGAAC'TGTGT	CCCCATAGGG	AGATT'TGACA
129901	TTTTCAAAGG	CTGGGAACAC	AAAGTGGCAG	GTGGGGGAAC	AGCTGTGGGT
129951	TTATCCAACT	GCTT'TTTGAC	GTTATGGGGG	TACCCTTAGG	AGACCAGCT
130001	GTATCCAGGG	CACCTTCAA	GTCTTAA'TT	CATTCTCCTA	GACAGTGTCT
130051	GGTGCTCAAA	GTGATAAGGG	GACAATGGAG	CAGGTCAGCT	GCATGTAGTT
130101	AACTATCACA	TAACAGGCAA	TAGGTTATGT	ATTTTGTATA	CTTATGCACC
130151	TTTGT'TTAGA	TAACAGCAAT	TTCTCTACTC	TCTACCCGTT	AACAGACAAC
130201	TAAGAGGTGG	GATAGGTGCT	CATTCTTAGG	CCTGGCAACA	TGAAC'TTGT
130251	TAACCCCTGCC	AGCAAGATGG	ACAAGGTGTC	CTTGAATATG	CTGGACTCAG
130301	ACAAC'TGCC	CCTTACAAGT	TGTCCTTGAG	ATGTCTGGAC	TCAGATAACA
130351	GTTTACAGCA	GAAGCTG'TC	AGCTATTGGG	AAGTGCCACG	CTCCTCTAGG
130401	ACCGGGACCT	TGAATTTAAT	TTCTCCCCAT	GATTTAATGG	AGTCTGAAAA
130451	CTTAATGGTA	GTACTTAAAG	TTTCTTCTTT	TGCTTGTTCG	CACACAGCCC
130501	CGTGGTGGAA	ACACAGAACT	GACTCCTCAA	AGTTGTCCCT	CCACTTCCAT
130551	TTAAGTGCTG	TGATACACGC	ATGCCCTTCC	CCTTAAAAAA	TGTAATTTGAA
130601	ATTTT'TAGCT	TGATGGGAGA	CAAA'TACTTC	CTGAGCCACT	CTTGT'TTACA
130651	GTC'TGGGATT	ACTGATGGAC	ACAACATTTT	CTCCCCAAGT	CTCCACGGGG
130701	CGTTGCATTT	CTTCTATGTT	TTGTTT'GAGTT	ATGACTCAAA	TATGATGCAT
130751	CATGACTTTC	AAAAGTATTT	ATTTTTTTTTA	AGCCTATGAA	ACTTCAAACCT
130801	GCATCATCCA	GGCAGCCCAA	AGGAAGGACT	CT'TTTT'TTTT	TTTTTATATAT
130851	TTATTTATTTG	ATTATAATTA	AGTACACTGT	AGCTGTCCTC	AGACACGAGA
130901	AGAGGGCATC	AGATCTCATT	ACAGATGGTT	GAGGCCACCT	ATGTGGTTGC
130951	TGGGATT'TGA	ACTCTGGACC	TTAGGAAGAG	TTGTTGGGTG	CTCTTACCCTA
131001	CTGAGCCATC	TCACCAGCCC	CAAGGAAGGA	CTCTTTACAT	GAGTGGATGT
131051	TTGTGT'TTTC	ATACGACCAC	ACATAACTCA	GAGTGTGTTT	TCTAGTAAAT
131101	AGAA'TAAATG	GAATAGCAGT	TCCAAACAGA	GCCAGCCTCA	AGGGACTTAAA
131151	AGGT'TCTGGA	GAACTGACAG	GGTAGCCACG	AAACACAAAT	TAAACACTTTT
131201	TAAGGGTTTCG	CCATGCGTTG	CCCAAACCCA	GCCTTCTCTT	CTGTGCTTCA
131251	GAGCATTTT'T	TATTGGCCAG	TTTTTGTCTA	ACCTTTGCAA	TCCCATCTTTT
131301	TTT'TGAACTG	AAGAGGGAAG	ATGAAACCCA	TCACTGCATA	AACCGAACCC
131351	CAGACATTTA	TTAGAGAGTT	GTCCGCTTGG	GCTTTTGTTA	ATGAGCCCTT
131401	GTATAATCAT	CGCCAGTTT	TCACCAAGTG	TGAGGTCTCA	GTTAGGAGAA

131451	ATTGCCGTGG	TCTCCCTAAG	AATAAAATTA	TAGAACGCTA	GAGAACACAG
131501	GCAAGAAATG	TCAGTTTGTT	GTTAGAGAAC	TAATATGGGG	AGTCACTGGC
131551	TGGAATCTAG	CATTTTGGTT	GCTCTCAGTG	AGCCAGAAAA	GCTTCTCAAG
131601	TTTTCTTTGT	GAGGCTCAGG	AGTTCACTGT	CCAGACCCAA	GCGCTTCAAG
131651	TTCTGTAATGG	GGAAAGTAGA	CACATTTTTA	CCTCAGCATA	ACAAATGTTTA
131701	AAACTGTTCC	ATGTTTGGTT	GGTTGGTTGG	TTGGTTGGTT	GGTTGGTTGG
131751	TTTAGGGATG	GAAATCAACC	ACAGTCTTCC	ATGAAGCCTG	AAATTAAGTGA
131801	ATCTGCTCTC	CTTTTTTATC	TGATTGATGA	TCTTCATCAG	CACAGACAGA
131851	CATCTAGATC	ACGTTTCAGGT	AATAAATGAT	TATCAGCTAG	TTCGCTGTGC
131901	ATAAATCAAT	TACTTGACTG	TGTTAAATATA	ACCAACCTTC	GTGTGCACAG
131951	TTATACAGAT	TTGGAAGAAC	TGATGGTGTG	ATTAAATGTA	CCTTACAGGT
132001	AATTTATCCG	AGTCACATTC	TTACAGAGTC	ATGCTTGTTGA	ATAGGTAGGT
132051	CAAGCAAGCC	CCATCCTCCT	CTTTTAAACCT	TAGGAAGTAC	GTGCATCATA
132101	GGACCCCTCCA	ACCCCAATAA	ATTAAAACCT	TGGCATGGCT	TCTGCATAAA
132151	GATATGTGAA	TTATTACAGG	ACTGTAGATA	GATCACTACC	TTAACTAATC
132201	AACTGCAGTT	ATTAAATTAAC	CCCGAGCCAT	CTTAAACAGG	GAACCACCAA
132251	TGGCAAGCTG	ATGAGAGTTA	TGATGTACCT	AGGTTTAAAA	ATCAITTCAT
132301	TCCTTCTGGCA	TGCATGTATA	TGAAGAGATT	ATAGAAATAT	GTCAATTTCAA
132351	GGAACTATTG	ATTTTTCAC	CCCCAGTCT	CCTACATCCT	ATGATGTTTC
132401	TGACTGCAAG	TAGTAATCTT	CGTTGCTACA	ATCTTGCCTG	TTCATTTAAT
132451	AAAAATTTTG	AAAGTTAAGC	ATTAAGCTTC	AACITGATGTT	ATAGACTGTA
132501	TGGTTATGTC	CTTTGGATCC	CAAAATTCGT	GTGTTTGAAG	TCCTAAGTTC
132551	CCAAATGGAAT	TAGTATTTTG	GAGGCAGGGA	ACTTTTGGGA	AGGTAATTTT
132601	TTGCTTTAGAC	TTAAGTTTAT	GGATTCAAGG	TTTTTTTCCA	ATTTGGTTTFA
132651	TGGGGTGGTA	GGTTTGTGAA	TACCCCTTTX	XXXXXXXXXX	XXXXXXXXTT
132701	GCATTAGTAAT	GGGCTCCACC	ATCCCAATCT	CATCTCAGGT	TGCGCTTTAC
132751	TTTCCAAAGG	ACCACCATAC	CACAACATCC	ACCACAATAC	TCCCAGAAGG
132801	AAGGCCGTGAT	AATCACTCTG	TTCTGTTCAA	CCTAACAGGG	TAAAATCTTT
132851	CAAGATGACA	AGTGTTCGTT	GTAGATAACT	GCAAAATATAC	GTGCTCTTTT
132901	CTTCAAAATG	AAAACTTGTT	CTCTTACTCA	TCCAGGTAAG	GGATTCACCT
132951	TGTGATAAAA	CAACAAACAA	AACAAACAT	AAAAACACCC	ATTCACCTCAT
133001	ACAAGCCGCT	GAGTACTACT	TCCACATCCA	GTGTGGGGCT	GGGCAAGTGG
133051	AAGATGCAAA	AGACATTAAC	TGAGGGTCTG	CAGACATGCT	TCTATGCTG
133101	TAAAGCCACA	GCTTTTITTT	TTTTTTTTTT	TTTTTGGTTT	CGAGCAGGGG
133151	CTTCTCTGTG	TAGCCTTGGC	TGTCCTGGAA	CTAAGCTCTG	AGACCAGGCT
133201	GGCCTCGAAG	CCAGAAATCC	ACCTGTCTCT	CGCTCCCAAG	TTCTGGGAGT
133251	AAAGGCATGT	GCCACTACTG	CCCGGCAAG	CCACAGCTTT	AAAATACAGT
133301	GTGTCCCTGT	TGAACCTTAT	AATGCACGGG	AAAGACTAAC	TTGGGAGAAA
133351	AAGAAACGAA	TGTTACAGGT	TACAGGACAG	TATTGCAATT	AGCTGTTAAA
133401	TGATGAAGAT	TCAAGGAAGA	ACCTTTTAA	AATTTCTGAG	AGGGTTAAGG
133451	AAAAGACACC	ATGCTTATCA	TGTGCCACGC	CCTGCCCTAG	CCGCCCTCCG
133501	CCTCTACCT	TCCCCCCCTC	CCCTGTGAC	CAGGCATGTA	AAAGGCACAC
133551	TCTCTTCCAA	TAGCCATAAC	AGGACCTTGA	AGTCACCACCT	GTCAITCTCT
133601	TCAGTTTTCAG	GAGAGGACAG	AAAGTAGAAA	GGTTAACTAG	CTTGCTCGTA
133651	ACAAATCCAG	GTCTGAGCAA	AATGAATGAG	AGCAATTGTAG	AGTGTAACTA
133701	GGGGAATAATC	CTCCCACTGG	GAGCTGCCCC	TTTTCCAGC	CTCTGTTTGC
133751	ATTATTTTATA	AACTCAGGGC	TGGATTCCAG	AAAGCATGGT	CCTTAGGGAA
133801	CACAGCTAAC	TTTCAATTCA	GGCTTTAGAA	CCTTTGTGAA	TACCTGTCCCT
133851	TTACGCCAAC	AGGAAGTCCC	CTGGGACACA	GGTAAAGGAA	GCAGGATTTT
133901	TTTTTCATATT	GTCTTTGAAC	AATGAGTCCT	GTGGGGTAAAT	GCATGGTTGT
133951	ACAGAAATAG	ACTGACCCAT	GAAACACAGC	CCTGTTTTTA	CAGCAGCTGA
134001	ATCACTTCCA	CCCTCCCGTT	NTGTGCCTGT	TTACATTTCT	TCCCAGCTA
134051	TCTTTCTCCT	TGATTGCAAT	TGGAACACCC	TGGGGCTCTT	CTGATGAAAT
134101	GTTTCTCTGA	ATTTTATCAC	CTATCCTGTC	GTCAATAAGA	CTTTCCAGGG
134151	TAAACAGTTTG	CAATATCATC	CATACACCCT	GACAAATATG	CCCAAGGTCT
134201	AGCTTCACCT	GGGAAACAT	AAGTATTTTT	CATGTTTCA	GAAAAGAGAT
134251	AAGACTTGAG	AGGGGAATGG	CCCTTCACCA	AACTAACCAA	GGTTAGGGAG
134301	TGTAATTAGT	AGGGTTCTCT	AGAGTCACAG	AACTTACGGA	TAGTCTTAG
134351	ATAGTAAAGG	AATTTATTGA	TGACTTACAG	TCGGCAGCCC	AATTTCCCACT
134401	AATGGTTTCA	TGCGAGCTGT	GAATGGAAGT	CCAAGGATCT	AGCACTTAAC
134451	CAGTCTCACA	CAGTAAGCAG	GCAAAAGGAG	AAGAGCTAGA	CTCCCTTCTT
134501	CCAATGTCCT	TATATTGTCT	CCAGCAGAAG	GTGTAGCCCA	GATTAAAGGT

134551	GTGTTCTCTTA	AACTCGGAGA	TTTAATCTTC	TGGAATCCAT	AGCCACTATG
134601	GCTCAAGATC	TCCATACCAA	GATCCAGATC	AGAAACTCTCT	ATCTCCAAGC
134651	C'TCCAGATAC	GGGTCACCTG	TGAGCC'TTCC	AAT'TCTGGAT	TGTAGTTTCA
134701	TCCAAATATA	GTCAAAGTTGA	CAACCAAGGAA	TAGCCACTTAC	AGGGAGTGTC
134751	CTGTGT'TCTT	TCATAAGGGTG	GTCAGTCTGG	GACAACCCACA	ACAGGAGACC
134801	GAAAGGGGGC	TAAACAGAGT	TGGTTTTTTT	TCCAGATTTT	TGGAGACAGA
134851	GGCATAGAAT	GCCACCATTAT	CAATGTCTACA	CTAT'TTCCAC	AGTGTAGTTN
134901	TGTGTGTGTG	TATGTGTGTG	TGTGTAGCAT	TGCGGGGGTCA	TACCACATAC
134951	TCAAAAC'TTC	CAT'TTTGTTT	GAGACAAGGT	CTCT'TGTTT	CTCG'TTTTAT
135001	TAGGCCAAAT	GGCTCATGAG	CATACCAGGG	GTTCTCCCAAT	CTCTGCCTGC
135051	CATGCCCTCCA	TGGGAGTGTT	GGGATTACAG	CTGACCCTAC	AAGTTAGAT
135101	TTCCCT'TTGG	TTCTTGGGAT	TCGAAC'TTGG	ATCCTCCCAAC	TTGTATGGCA
135151	AGTGC'TTTTA	CCCAC'TGAGC	CCTCTCCCTA	ACCCCTGT'TT	AGT'TTAGTGC
135201	AGCATTTTAC	CTGTTACAAG	AACCTGTGGT	ATACACAACAC	ACAAGCCACA
135251	AATTACTTAAC	TGAAAT'TTCT	GTGATTCCAT	ATATCAGTTA	AATAT'TTTTA
135301	TATTTGCTATT	ATTT'TTTTAA	ACAAAAGTAC	TATGCCAGTT	AAGGAAGAA
135351	GGAAATATTT	ATGCTAATAT	TTTTTAAAGG	TTTGGGATTA	AACCTCATTC
135401	CTTATGTACG	CTAAAT'TCTA	CTACTGGACT	ATACCCCTAG	CATAAT'TTGA
135451	AGGAAAGGAC	TTTCTAT'TTT	AACAT'GCTCA	TTTGTGCTGT	TATCT'TGCTT
135501	TTTAAATACT	TATTCAGAA	TACTGAATAA	AAAAAAGGA	ATAAAATATA
135551	AAGGCATGG	CCACTCCTAG	GTATGGGAGA	GAAGGAGTT	TATGTAGAT
135601	TAACAGGAGA	ACATAGTCAG	AGGCAGAGAC	ATCTGGGAGA	CTCCAGAGTG
135651	AAGATGCTCC	GTACATCCAG	GCCATGTGGT	GGGGAGAGGG	GGGGGAGGAG
135701	AGTGAGGAGA	ATAAAGGGTA	GGCAAAAGAT	GAAATGTAAC	CAAAATGGCT
135751	GGATTATACC	AGAAAGAGGC	AGCTGAGGGG	AAGATCCACC	CAGCTCCAGG
135801	CTGGGAGAAG	TTTAGGGTAG	CAGGTAGGGT	ATGGCAACCA	T'TCT'GTATA
135851	CAGATAGGGA	CTGAGGGATG	CTGGGAGAAT	TTGGTGAACCT	CCTTGTATGT
135901	TTAAACAGGT	GCCTTAGTTA	GCCACTCGTC	CCAGGTTTGA	GACCTAACAA
135951	GGACCTGGAT	TTCCCT'TTGC	ATTGGGCCCC	GTAAGTAATG	TAAAGGCTAC
136001	CTCCTGGCTG	CTCAGCTGT	TCTGT'TTAA	AAAAAT'TGTC	AGGAAGCCAT
136051	GAAGTGGTTG	CCTGGACAGT	GATGATG'TCA	GCTTGGCTAT	AGCTCAGGGA
136101	TCCTTAGTTA	GCTGCACAAG	TGTTATTTTCA	AGGTGTGTCT	TCGAGGGCAG
136151	TTCTGGCAGA	GATTAGCATT	AAAAATCAGT	AGATTAAATA	CATAAGATAG
136201	TTGTCCGCTCA	TAGGGCAAGC	ATCAT'TTCAA	CCTCAGAGAG	TAGGACCACA
136251	AGATAAAGAT	GGAGGGAGGG	GAAATTCACC	CTTCTAGCT	GGACCATTCA
136301	TCTTTTTCAGC	CCACAGATAT	CAAAGCTGCT	GSTTCGTAA	CCTTCCGGCT
136351	GCTCTAGGAG	TGACATCACC	TGCTCTTTTG	TCTTTACCAC	CTAAACACCT
136401	TCTAGTCTGC	CTTAGCTGTA	AAACGAGTGG	TTAGCAGAAT	ATTCTAATA
136451	GTAGTTGTGA	AGACTGAGAG	TATTGTGGCT	GTAATAATAT	AAGCCGTCAA
136501	TAGGCATTAG	CCATGTCTAGT	ATCCCAAAGC	CCTTAGTTCA	C'TTGACTCTT
136551	CACGGCTGAA	AGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
136601	TGTACAGCAG	TGAGATAACA	GGAGCTATGC	AGTAAGAATA	GGTTCACGTA
136651	TTTCTCTGCA	GGAGGCTAGT	CATGAGCTCA	GATCTT'TTTC	TCATATTCGC
136701	TGAAAAAGGA	CAGAAAGTCC	ATCTTATATA	AAGTT'TGTGA	GACTTTCTAG
136751	GTGTGGTGGT	TTAAATGGGT	TTGGCCCCAT	AGATTATAGT	GTTTGTAGCT
136801	TGACCATAGG	GAACGACACT	AGGGAGGAGG	TATATAGCTT	TATTGGATGA
136851	AGCGCATCAC	TGTGTAAGTG	GGCTTTGAGA	TCCTCTACGC	TCAGGCTCTG
136901	TCCACTGTGG	ATGAGAGCCT	CCTCCTGGCT	GCCTGAGGAA	GGCAGCCCCC
136951	CCTCCACTGC	TTGCAGATCA	AGATGTAGAA	TCTCTGTATC	CTCTAGCACC
137001	TGTGCTGCCT	GTGCTCTGCC	ATGTTTCTCT	CTATGATGAT	AATGGACTAA
137051	ATAAGCCAGC	TTCAACTACA	TGTT'TTCTCT	TATAAGAGTT	GCCTTGTGTA
137101	TGTTGTTCTT	TACAGCAATG	AAACCTGAC	TAAGACTCTG	GGTAACCTGT
137151	GGGGACAAAT	TGAGAGTTT	TC'TCTCTCGT	TTTCTCTTTC	TTCTAACCAT
137201	CACCCATATT	CATTGACCTA	GTTATTACTA	GTTGTCTCTA	AGAGCACATA
137251	GAAAGGGCAA	GGCAT'TTTAC	TCT'TCTGTTT	CTCAGAGATA	AGTGT'TTACT
137301	AAC'TTAAAGA	CACACGTAAA	AGCAAATGTC	TGGT'TGTGTG	TTT'TGTTCCT
137351	TAAGTGAAG	CAGGAAGGAG	ACAAAAGGGT	TGAGAAACCT	GTGTATATGT
137401	GTAAGGGAGG	GGAAATCACT	ACTTAATAAA	GAAGCCTGCC	CGCCACTGTC
137451	CATTGTGCTA	CTCAGAGCAG	CCAAGGTGAG	GAAACCACCC	ATGAGTCCAT
137501	CCATGGACAA	ATGGATCAAG	AAAGTGTGCG	CACACACAAT	GGAT'TATTAT
137551	TCCACCTTAA	AAAGAAGGAA	GCCTTGGGTT	TGACACAACC	GATGGACCAT
137601	TTGTGACACG	GAGGAAAGGC	AGACACAGAC	ACACCCACCG	TGTGAGACTC

137651	ATAACAACAG	ACAGGACAGG	GTAAAGTCTA	GCTGGACACT	AGCTGCCCAT
137701	GTGAACGTGT	CTTCAGCTGC	CATTTTGAAC	TGGTAAACCA	ATCTGTGGTT
137751	GTGAGTCGGA	AACACGGAG	AAATGGAGAG	GATTTTCCCT	CCTTCCTTTT
137801	CCCTTTCCCT	TCCTCCCTTT	TCCTCTCCCT	TCCCTCTATT	ACTTTCCCTTC
137851	CCTCCCTTCC	CACCTTCCGT	TCCTTTTTC	TTCTCTCTAT	CTTCATTCCT
137901	TTCTCTCTCC	TTCTCTCTAG	CCTTCTCTTT	CTTCTCTCT	GTAAGAACCA
137951	CACTGCTCTG	GAACCTATTA	TGTAGCCCG	GCTGCCCTTA	GAAGCCATGA
138001	TCCTCTCTGT	TCAGCCCTCT	AAATATTGGT	TACAAGTACC	TTGTCTGCTT
138051	GAGAGATTCC	TTGAAGTTGG	TTGTCATATA	AGCTGTCTGC	AGGATTTTCC
138101	CTGTCCAATC	ACGTTAGGGC	AGTGGGAGGC	CCGTGATTGG	ACAGAGAAAA
138151	GGGAGGCAGT	GCTAAGAGTT	GCAGAGAGAG	GAATCTGAGA	GGAGGAGGGA
138201	GAAGGAAGA	TGGTGGTAGA	CATTAATCTG	TGTGGCTATG	ACCAGCCACA
138251	GGTTGTTAAA	CCATAAGGTT	AGACTAATTG	GGATAAAGCT	TTATCATCAA
138301	TTGTCTCTTA	AATATTGTA	TTGGCATCTT	ATAAATTGTG	ATTTTATTGA
138351	TATATAAATC	TGATTGGTTA	ACTATAAGCT	TAAGAGATT	GATTTTACCA
138401	GGTGAGTGGG	TATTGTGATT	TCTAACCCAC	AGGTTGGTGG	TCTAATTTGA
138451	TTACTGGAAT	GTGGGACACC	TGATGACAGG	GTATTATAGC	GGAGAGGGGA
138501	CTAGTGGCTC	CCAGGACAAA	CGAACCAAGA	TGTTGCAGGG	GCTAGCTGGA
138551	GAGAGTAGCT	CGGCTGCGAG	AACAGATGGA	GTGGTACCCT	ACTGAGACAA
138601	AGGGCTGTGG	CCTACCAGAG	ACAGTACTAG	AGCAGGAATT	TGGCCCGGCA
138651	GGCGAGGAGA	GTTGGCGGGT	TTATATATAT	ATTTCTTTCG	TATCATATAA
138701	GTAAGAGAAA	TTACCAATAG	GAACATGACT	AGGTGAAGTT	GACTGTATGT
138751	CTGAGGATGC	ATCTGTGGCT	TTGGTAGATT	AATGATGGCT	ATGCACTCCT
138801	TGACATTCTT	CTCAGTGAGA	AGTAGGACCT	GTTCCTCTCC	TCCCTGGATC
138851	TGGGCTGTGA	CAACTTTAAC	CAGGAGACTG	TGGCTGAAGG	GATTGGGAGG
138901	TTGTAGCATG	AAATATAAAA	AAAATCAATC	CATGCTATCG	CGCGCAAGGC
138951	ACTGGCCTGC	TTTCATCTCA	TGGAAACTCT	GACCCAGAGC	TCCGAAATCT
139001	CTCCATTTCAG	CTCCTAAGT	TCCCCTGGC	GGGCCATTAC	CATGCTATCC
139051	CATGCTTTCA	AATTTCCATG	GCCTTTTGGG	GTGCATCTCT	TGCAAAACCTA
139101	CACCTTTGCCA	TTGTACCTTT	AGCCCTGGAA	CCCAGTTAG	CGCGCTCTGT
139151	AAGGAAAAAC	CCACACAAAG	TTCCGAATCA	ACAGGTAACT	CACATGCGCG
139201	CGCGAGCAAA	TCCTGGCAGA	TCCGCCATCT	AAACTGGGGG	CCTCTTGTTA
139251	GCTACATTCT	GTCTCCCAAG	CTCTCCCCGT	GGCAACTTAG	CGAGCTGGGT
139301	GGAGAGATTT	TGGAACCTCA	GGTCAGAGAG	TCTCCACAAG	ATGAGAACAG
139351	GCCAGTGCTT	TGCTTTGCCG	GTGATAGCGT	GGATTGGTTT	TCCTTAATAT
139401	TTACAGCTAC	AGGAAGCCTC	GGGAGGAAAC	AGGTAGCTTG	CACCTTAGGC
139451	TCTTGAAGCT	TTGAAGTTCT	CTGGCAGACA	TTTTTAGTAC	CTGTTGTAGG
139501	GAGCAGGTGG	AATGCCGGAG	AAGAGGAAAG	TCCCGCTGAA	TGTAGCCTGT
139551	TAGCTGATCC	TGTTAAGAA	CAAGGGTAGG	AACAAAACCA	CTGGATGAAT
139601	GCTACCAAAT	AGCCCTAACA	ACAATTGCAT	AATTAATTCC	CTGGCTCAAC
139651	TGATGGCTAA	ACTAGAAAAG	GAGAGCACCC	CTCCTAATTG	TTGGCTGGAT
139701	AGAACCTTCC	TTTTTCTGTT	TGTGCAGTCT	CGCTCTTGAG	GTCATTAAAG
139751	ACAATCAAGG	AGGGTCATAC	ACCACAATGC	CTTCCCTGCT	TTGCTCTTTT
139801	CAAAACAAGC	GAATCATTTT	TGCTTCTAGT	TGTGTGGGTG	GGTAAGGTGG
139851	GGGCCCTGTT	GGGCAGAGAC	AATATCAATC	CATATGCCAC	GCTTCCAAGC
139901	ATCTATATTA	CCATTATGTA	GAAGAAAGGA	GAACACAGAG	AACATTTATC
139951	ACTTTTAAATG	GCTTGCATCT	TATCCTTATT	AAATCAAAAC	CAATTTTGT
140001	CTTAACCTTC	GTATCCTCTC	CTGTTCAGA	ACTGTATACT	TCTGTTTAG
140051	CTGTATGCT	GGTTGGACGC	ATGCCCCTC	ATCAGCATAA	AGGACAGGAA
140101	GGGAACCCCT	CTTTTCTGGG	CTAATGGCTG	TATTTACTTT	TTTAAATTA
140151	GATGTAGCCC	AGCCTTTTGG	CAGATTGTTA	TCAGAAAGAA	CACGCTTAGCA
140201	TCAATTATGC	TAAGACAAAA	ATCATTATAT	TTAGCAGTCA	TGTCTAGGT
140251	TTTAAAGAGA	CTTTATTA	TAACCAAGA	TAAACCTTA	GTTTATTCAA
140301	CTACTTGGTG	CATTGTGCTG	TAACCTATCC	TGGCAGAAGC	CCGATGACGC
140351	AATTTGTGCT	GGAGAGAAAT	TCTCAATAGA	ATTCATAGTG	AAGTTCTTTT
140401	GTGGTCACTA	TAGACCAATG	ATAGAAGGAA	TGTTCCGGGA	CTCTTGTGGG
140451	CATGTAAAAAT	TTCTCTCCAT	ATATTTATAT	GATATCAAAAT	TCTATGCTTT
140501	TCAAAATAGGT	AGCCATATTC	CAAACAGGTT	TATACGTTAT	TATTTGTTTA
140551	CTGAAAAACA	TCTTTCCATT	GGGAGTTGTA	GCTCAGTATG	AAGAGTGTGT
140601	TACCAGCAT	GGTAAGGTCC	AGGGTTTAA	CCCTGGTAGC	TACTAATACA
140651	AAAGAAATAAT	ACTCTGCAAC	CATTGAGTTG	ACTGTGATAT	TGATTTGGT
140701	TTTTTATTGC	TGTGAAAAAG	CACCATGACC	ACTGCAACCC	TTATAGGGGA

140751	AAACATTTTCA	CTGGGGCTGG	CTTTATAGTT	TCTGAGGTTT	AGTCCATTAT
140801	CTTCATGGCA	GGAAACATGT	TGACATGCAG	GCAGAGAAGG	AGCTGAGAGT
140851	TCTATATCCCA	GATCCCTCAGG	CAATAGGAAA	AGACAGTGAC	ATAITTTCTCT
140901	CAACAAGGCC	TACCCCTACTC	CAACAAGGTC	ATTCCCTCCTA	ATAGTGGCTC
140951	TCCCTATGGA	CCTATGGGGG	CCATTTTATT	CAAAACCACCG	CAGTGAGTGT
141001	TGGAACAACAT	CAGAACATTT	TGGCTCATT	CCCTGTTCTA	GCACAGGCTG
141051	CTTCCATTTT	ACTTCTCTTG	AATAAGAATC	TAAGGTTTGG	CTGCTACATT
141101	ATTTTCTCTC	TGTCCTCCAC	ATGGTTAGGT	GGAGGGTCTC	ACTGTCCACC
141151	TGCACAGTGA	CACACTTCTT	CCAACAAGGC	CACCTCTCCA	AAAAGTGCCA
141201	CTCCCCTGGG	CAAGTATATT	CAAACTACCA	CAAAATACCAT	GAGCAAAAAGT
141251	AATTTGAAGA	GAAAAGGGTT	TATTTGGCTT	CCACTTCCAA	ATTGCAGTCC
141301	ATCATTTGAAG	GAAGTCGGGA	CAGGAACCTA	GCCAGGATAA	GAACTCAAAG
141351	AGGGAAGAAA	CCTGGAGGCA	GGAGCGGATG	CAGTTTATGG	AGGGGTGCTA
141401	CTTACTGGGT	TGCTCCTCAT	GGGTTGCTCA	GCCTGCTTTC	ATAGAGAGCC
141451	CAGGACCACC	AGTCCAGGGG	TGGCCCCACC	CACAATGGGC	TGGGCCCCTA
141501	CACATCAATC	ACTAATTAGG	AAAATGTTCT	ACAAAATGCA	GGCTTTGCC
141551	ACAGCCCAAA	CTTATGAAGG	CGTTTTCTCA	GTTGGGGTTC	CCTCCTTTCA
141601	GATGACTCTA	ACCGCTGTCA	AGTTGACCTA	AAATTAGCCA	ACACAAATATA
141651	TACCCACATG	TCTTAGTCAG	GGTTTTCTATT	CCCTGCACAAA	CAATAGTACC
141701	AAGAAGCAAG	TTGGGGAGGA	AAGGGTTTAT	TCAGCTTACA	CTTCCACATT
141751	GC'TTTTATC	ACCAAGGAAG	TCAGGACTGG	AACTTAAGCA	GGTCAGTGG
141801	CAGGAGCTGA	TGCAGAAGCC	ATGGAGGGAT	GTTCTTTACT	GGCTTGCTCA
141851	GCCTGCTTCT	TTATAGAACC	AAGACTACCA	GCCCCAGAGT	GGTCCCCACC
141901	ACAAGGGGCC	TTTTCCCCCTT	GATCACTAAT	TGAGAAAATG	CCTTACAGTT
141951	GGATCTCATG	GAGGTATTTT	CTCAACTGAA	GCTCCTTTCT	CTGTGTATAAC
142001	TCCAGCTGTG	TCAAGTTGAC	TCAAAACTAG	CAGGACTACC	ACATATGTCT
142051	ATATCATTTG	AGAGATGAGA	TCTATCACTA	AACCACAAAT	GCTATTTTTT
142101	TTTTFACAAA	CTAATTAAAT	ATTTTGATAT	GTATGAGTGT	TTTGCTGTG
142151	TGTTGTGTCTA	TGTACCAGAT	TCATGCTTGG	TGTACACAGA	GGCCAGGAGA
142201	GGGTGTGAGA	TCCCCTGAAA	CTGGGCTGCA	CGTGAAGACA	GAGACTGTAT
142251	GGGATTTCTAT	GCAATATGTC	AAGAAAATAA	GGGGTGGTGG	TGGATTATAT
142301	AGTAGGAAAT	ATTAATTTTC	CTTCTTGCTT	TAGGCTATTG	ATATTCTCAG
142351	ATGAGAGACA	GCCTTAGATT	GTTAAATGGC	CTTAGGCAGC	ACAGTAGCTG
142401	GGCAGCTGCC	TACCCGCCAT	GCTATTTAGAA	TCTGCTTTTC	TATTGATAAC
142451	CCCAAGTTAT	CACCTCAGAT	TTACTACATT	CCATCTGGGC	TGCTCTTAAC
142501	TCAGTTGGGT	AGCCAGCCCT	CTGGGCCACT	TGTCTCTGGC	CCTTAGCCCG
142551	TGACAGCTCA	CTTTCTCCCT	CCTGCACGTT	CTTCTTCTTC	TTCCATGGCG
142601	GCTTCCCCTC	CTCTCTTTTC	CCACCTCGAG	GTCTCTTTTC	TACCAAGCCC
142651	ACCCATATCTA	TGTCCTTTCT	GTCCAGTTAT	TCCGGTTTGG	CATCTTTTAT
142701	CACCAATTAG	AATTAACGTG	GGGTGGGGCA	GGGCCGGGGC	AAGGTCCCCG
142751	GGGCTATCGG	CAGACACCAG	GTCTTGGGGG	CCAGCGCTTA	GCATTATAGC
142801	AGATAGTAAA	AGACAAAACC	TCAAGTGTGT	TGACTCAGAC	ACAGAAGTTT
142851	TCCGTCTTTA	GTGACTGTTG	ACAATCCCCT	TACACGCTGG	TCCTTCCAC
142901	ACTTTGCACT	TCTCCATTTT	CCAATCTCCC	CGCTTCTTTC	TCCTTCCCCT
142951	CCTAAACTGT	TATGTAGCTG	CCAGTGAGCA	CGGGTCACTG	GGTTCCTGAA
143001	AGGAAGCCA	GGATTGGATG	GGGAGGACAC	CAGAGACAAA	AGAGCCCAAG
143051	CAAAGTTCTC	AGAGCAAGGC	TCAATCTTTA	ATTGTAGGGT	CTGATTTTTA
143101	AAGGGGGGGA	CACCCATCCC	CCACTATGCC	AGGATCTTGA	TGTCACITCG
143151	GATCTCATCA	GGAAAGCTAG	CTCAGTGCTT	CAGCGGGTAG	GTTTTTGTAG
143201	GAAACTGGCA	GACAAAAGAT	GT'TACCTAGG	TCAGAAGACT	CCACCCTAGG
143251	TGGGATAGCC	TACTGTGGCA	GAAACAAAGT	CGAGTTACGC	CCACCTAAGA
143301	CTGGGGAGAA	GGGCACACTA	TTACATTTTT	AGTCTTCTTC	AGTCTGTGAC
143351	AGTTTCTATC	TAGTTCTTGC	TGCTCTCTCA	CTTGAACAGT	CTTAAAAAT
143401	TTTGTTCAGGT	GCTCAGCAGA	TTTTTTTTTT	CTCAATTTGA	ATTCGCAATG
143451	TGTTTCTCTG	TGTAATGATT	GAGGTTACAA	ATTTTGGCAG	CAATATTTTG
143501	GAGGGGAGAC	ACCTTCTTTA	TCACATGAAA	CGAGGTGATA	ATTATAGAAC
143551	TTTTTCTTGT	TATTTTGAGA	CAAAGTCTCT	CTGTGTAGCC	CAGGATGGCC
143601	CCTGGAATTC	ACGATTCTCC	TGTTGTATTAT	TCTCAGGGTG	CCAAGGCTAT
143651	AGCAGGCTTT	AGAGACTACA	GTGTGCTTCT	TCCAGACTTT	CACCTGTGAT
143701	CTTTAACCGT	CATTACTTGC	TTAAGGATGT	AACTTGCCAT	CTTGTTAGAT
143751	TTGCTCTGCA	CCCTTTTCTC	TACATTTTTA	CACGCTCTTT	TTTCTGTTAA
143801	ATGTGTGTGA	TTTTTTTTTT	CTCTTATTAT	TCAAGAACCT	AGAAGGGCCA

143851	GGAAATGGTAG	CACTCACCTA	CAAGTTTGAC	TACCAGCGAG	GCTAAAGCAG
143901	GATAATCACA	AGTTCCTAGGT	CAGTGTAAAC	AACTTGGTGA	GCTCCTTTCT
143951	CAAAAACAAA	ACCAAACCAA	ACAAACAAAT	AAAAAACCAA	GCAAAACAGGA
144001	AAATGGAAAT	TAAAAAGGA	GGCTGGGAC	TATAGCTCAG	TGGTAGGGTG
144051	CTTTCTCGGT	ATTTTGTGAGG	ATATAGGTTTC	AAATTCCTAGT	ACTGAATACA
144101	GCAAAGTTTA	AAAGTATCTT	TTATTCCGGCT	GATGAATTTG	TCATCTTGGA
144151	GGTCTACTGC	CTCAGTGTGC	TAACCCGGGC	CTTGTCTCGG	AAGCTCTTAG
144201	GCTCCATAAA	ATCTTCTCTA	GGCCTAGAAT	GTTTTAGCCT	GAGACATAGA
144251	ATAGGGCTCAT	CTTTTCTAGC	TCPTTCTGAA	CTCTGATTGG	CTGGTTCAAC
144301	TCTGCTGTTC	TGGCTCAAAC	TCCTCTCCAA	GATGATTCAA	ATTGGCTTCT
144351	CTCTCAGTCT	GACTTGTTCG	TGTGCTTGGC	CTCAAACTAA	CTCTGGCAAT
144401	CTGTGTTCGC	GTAATCTCT	AACCCAATAT	GCCCTGGCAA	TGAAAACACA
144451	ACTCAATTA	TATGAATACA	TGCTGTGAAC	CTAGACTGGG	CAGATCTACT
144501	GCTACTTTAC	CATCTTCCAC	ATCTATGAGA	CCCCTTAGAA	CTTGTGATTT
144551	CCCCAGGCCA	TGTGCTTCTG	CTCTGCTTTT	CTTCTTATCT	CTTCTCCCCT
144601	GTGTCTCTCT	CTCTTCCCAT	TTTTTCTCTT	CTTTTCTGCG	TCCTTTCACT
144651	CTACCTTCCC	TTTTTATCTG	CCAATCATCA	GCTCTCCTTT	ATTTTACACT
144701	TTAAGGTGGG	AAGCAGGTTT	ACAGGAAATC	ACCTGAGTGC	TGACTCATTC
144751	CTTGTTCACA	ACCCCTCACA	GGAGAACAGA	GTGAACATCA	AATATAATTA
144801	GGCCCCAGGG	TATCCACAGC	AAATCTGTTT	TAATCTTCTG	TCTCTCTCTT
144851	CTCTGCTCT	TTCTGTATTT	ACCTGTGTCT	AGCTTGTCCCT	TCCTGTGCAA
144901	ACTGTCCGGG	TAAAATGTCT	CTCTTTCTCT	CTTCACGGCT	TCCTTTCCCT
144951	TCCTCTCTTG	TGAGAGTTGG	GCATATCCAA	TTCTGTCCAG	TCCTTCTCTG
145001	ATTCTGTCAT	TGCGCACTCA	ACTAGATATC	ACTTTCAAAC	ATGGGTGCTT
145051	CATTTTTTACA	AAGTAACTTT	ACCTCCACTG	TTTGGGATTA	AGGACCTGTT
145101	TGTATTCCAG	CAAGAGGGAC	TGAAGCTGTG	TGCTAAGGGC	TGAGCCACAC
145151	CACAACFAGA	AACAGATTTT	TTTTTTTCAAT	AAATAAGAAA	ATCTTGGGGT
145201	TCATAGTGTG	ATCAAGTATC	CGGCAAAGTA	GGAGATTTCC	CTCCTCTGAG
145251	CTAAAGGTTT	AACCTCTCCT	TTCTTATAGT	TGTTGATTTT	AGTATGTTTT
145301	TGTTTTTTCT	CCTGGCCCTT	GCTACTGAAA	TAAAATTTCT	GAGATTCAAA
145351	CCTATTTTACA	AATACCTAGT	TCATTAACCT	TGCCCTTTCT	TGACTCATCA
145401	AGAAACATTA	GCTCATAAAT	TAATTAACCC	ATTATTTCTAT	TCTAAATCCT
145451	GCCATATGAC	TGGTTACCTG	GTCCTCAGGT	TTTTTCTTTG	GTCTCCATCA
145501	GCATTTCTGGG	GTCATTTCTCT	CACCTGTCTC	TGTCCTCAACA	TATTTCTCTCT
145551	CTCTCTCTCT	CTCTCTCTCT	CTCTCTGCTG	GATGTCCAC	CTTTTAACTT
145601	CATGCCCTAAG	CTCATTGGCC	AATCAGCTTT	TTATTGCACAG	GTCAATGTTT
145651	TTATACAGTG	CACAAGAGAT	TTATCTCTAT	ACTCATTTGG	ATGATCACCG
145701	AAGCTGTGTT	TGACAGTTAT	TCACCTTTTA	TTGTTTCTCT	TTTTTTAAAG
145751	ACCAATGATT	CTAGAGCTAA	AGATAATGAA	GGACCCTCTG	TGTAGCTCAA
145801	GCTTGTGCAA	GGAGGTGACA	GTTGGGTGAT	TCACTAGCAA	TATTTTGTACT
145851	GCCATTAGAA	GAATAGAGTC	AATCATACAT	GGTTGTGTGG	TGTACTGGAA
145901	AGAGCAGGAG	ATCAGAGGGA	CTTGGTTAGA	ATTTAGGTTT	TACTCTGTAT
145951	TGGCTGTGAG	ATTTTGGATG	ATACAATTGA	CTTCTCTGCT	TCTTAGACT
146001	GCAATGATTT	GAAATGCTAA	AAAGAATTCC	TACCACTTAC	ATAAAAACAC
146051	TGTCAAGTAAG	ACAGCTAGTG	CCTGCATAGA	AACCCCTGGAG	TATATTAGCA
146101	TTGTAAGTTT	GCACATACAG	TTGAAAGGTTG	TTGAGGAAGG	AGATTTATAA
146151	GTGTCTACTG	ATATGTTTAT	AGATATTTTA	TTTTTCAACTG	GAGGTACTGG
146201	TAGAAATATT	CTTTTCTCTAT	TGTCAAAAAA	TTTTTTTAGC	ACACACATCC
146251	TTTTTGTATC	ATGTCACCCA	ACTAATTAAT	GAGTTTATTA	ATTGTTTTTT
146301	TTTTTGAAGT	AATTTGTGCA	TGTAGGTGTA	TATTTACTGGG	AGTPGAACCT
146351	AGGGCTTAAC	TGCTAGATTA	ACTTTTTCAG	AGCTTATTTT	AGCTAGGCTC
146401	TCATGGAGTT	TTTTCTGTTA	AGATTCAACA	ATTCTATTTAC	TCCTTTCACCT
146451	AGATAACGTA	GATCACTGT	TCTCAACCTG	TGGCTCTGTA	ACAACCCCTT
146501	CACAGTGGCA	GTGTAAGACT	TATCAGAAAA	CACAGATGTT	TACACTAGGA
146551	TTTATAACAT	AGCAAAATTA	GTATGAAAT	AGCAACAAAA	ATAATTTTAT
146601	GGTGGGGGA	CACCATATTA	CAAGGTCAAA	GCATTAGGAA	GATTGAGAAC
146651	TACTGCCTTA	GAGTTTTTAA	ACCACTCTCT	CTCTTTTTTT	ATGTAGGAGA
146701	GTGTGCCCTT	TTTCCACAG	CAAACATGGC	GGAAACAACT	TCAACCTGAC
146751	GTCTTGGCGC	CTCAACAAAG	ATGGCTACAG	CACCTTCTGC	TCTTGCCTTT
146801	AACAAGATG	GTTCGCAATC	TTCTGTCTTA	GGACTTTTTG	CCTCAACAAA
146851	GATGGTCTTT	ATGGTACAGG	TTCCCTAGCA	GTCTGGATTC	CGGTTGTAGT
146901	TTTAGTTATT	CTTTTCTTTT	TTTTTTTTTAA	ACGGTACGTG	GTCGAGACG

146951	TAAGTAAGAT	GACTCCATCT	TCTCTCGCTG	TCCCGCGGCC	GTGGCGACAT
147001	CGCCCTCGG	CGGCTCTCCC	GGGGGCTGGA	CCGGGGTTCG	GGTGGCGGTG
147051	CCGGGGGTG	GTTTCTCTCC	AGAGGACAGT	CTGGCGGGTTC	ATTTTACCCTG
147101	AAAATCGTGC	GTAGCTCTAA	CTGTGCCACA	ACCACGGCTT	TCAGCTGCGG
147151	AGACAGGGAA	CTTTTACAA	GTTCCAAATG	GAACACGCGT	GCCAAAAACAA
147201	AACAAAAACA	AACGGTCACC	CACGCCCTCC	TCACCTGCCA	CTTCCCGATT
147251	TGGCGGAAGA	TCGCGAGCAA	GGCTGGGATC	CGACGTCCCG	CTTGTGTGGG
147301	CTGAGGGTGG	CAGAAAGCCCC	GCCCGCCACC	CTTGTCTCCC	TTGCCTTCAT
147351	TGGACCCGCA	AGCCACCCCG	CAGCACACTA	GCGACCTGAG	CTCATTCAGT
147401	GTCCCATGCA	TGCGTGTCTA	CGGCCCTACT	GCGACCCACA	TTCCGAAATC
147451	TTGTGAGGCT	TATCGGTAAA	GGCACACAAA	CATTGATTTT	CTTGAGGCTG
147501	CTTGTCTTTT	CTTTGAATGC	TCTATAAACT	TCTTTCTCTC	GGACTGTCTT
147551	CTATTGCTGG	TCAGGGTCTA	TAAATAAATG	TCCCTGGTGC	TTTTTAGCAG
147601	TTTCTAAAGC	GTGGGTGCTG	GACTAACTCT	GGCAAAAGCAA	TATTGAAATC
147651	CACTATTTTC	TAGCATTTAA	TTTTATATAA	TAATATAAAT	AGATTAAATA
147701	ATCTGTAATC	CTTAGGGATT	GCATTTTAA	TAAGGATCA	CATTGTTTTT
147751	CTGTTGGCTC	TCTTACTGCA	CAAGGAATTG	AAATAGGGCC	CCATTATCGT
147801	GAGAAGCAGA	GGTAGAAACA	TCCATAATGA	GTGTGCTTTA	TTATGCCCGG
147851	AAGTGTTTGA	AAATATCCGTG	GTTTGGCTTA	ACAGCGCGCT	AGGAAACACC
147901	GTGGCTCAGC	AGGCTCTTAA	GATATAAAGA	CCTGACTGAT	TTTTGAGGTT
147951	CTCATTAATG	AGTTTGCAGC	AATACACTGA	CTTTGGGGGG	GGGGGTGTCC
148001	ATCAGCATTC	CTGAAACCTA	GGTGCTCAAT	TTGGCTCTTT	CCAGGAAGAA
148051	ATGGAAGCCA	GAGACAAGCA	GGTACTCCCG	TCCCTGCGTC	TGGAGTGGG
148101	TGCCCAGGTA	CTGGTGGGAG	GACTGGTTCT	TCAGTACCTT	TACCAAGAA
148151	GAATTTTGAC	AGAAAACACC	ATTCAAGAAA	TCAAAGCTCA	AACCACAGGC
148201	CTCCGGAAGA	CAATGCTGTT	GCTGGACATC	CGGCTTCCA	GGGGCCCCAA
148251	AGCTTTTGAC	ACCTTCCCTG	ATTCCTCTCA	GGAAATTCCC	TGGGTAAAG
148301	AGAAGCTGGA	GAAGGCGAGA	GAGGAAGTCA	CAGCCGAGCT	GCCTACAGGT
148351	AGGCCCCAAA	GAGATCCCTT	CAAAACAGTT	CTGGAAGTGT	TGCAACCATG
148401	CCCAAGTGAT	TGGAATTTGG	TCTTTTAGGA	GGGACCCAGG	CCACGAGCAT
148451	GGGCAACCGT	TTGGATGCGA	AGGGCATGGC	GTCGGAGGGT	CAAGCAGAGG
148501	AGGCGGTGTT	AGGAAACTCG	AGGAAGGAAG	GGAACATGAA	CCCTGAGGCT
148551	GAGGGGTAA	GGAGGGAATC	GAGAGTACAA	TTTAGACATG	CTTCCAGGGG
148601	AACTTTGGCA	GTCACATGGG	AGGCTTGTTC	TCATCGGAGA	GCCAGGTCAA
148651	TCTGAGCCTT	TTGGCAACAG	GAACCGTTTG	GAAAGCGCAG	ATGGGAATGC
148701	AGGCTTTGGC	CTACTGATAA	CTGATTTGTG	GGGTGCCAAG	CTGCCAGATG
148751	GAGGAGGTCA	GATCATGGGA	GACAGCCTCT	AGGAAGGCAT	GTCTTGCCAC
148801	TGTCCTCCCA	GCCAGCCTCC	AAGGCCAAGG	GGATTATTTT	GAAGCCTGCC
148851	TTTAGTTCCT	TTTTAAAGGC	TGTTGGTGTA	AAGTGGCCCT	TTAAAAATCA
148901	GCTCTGTGCA	GACACCTGGG	GAATTTTAT	TTGCAAGGGC	AGTAATTTGG
148951	GGTGCGGAGG	GGGGGCGGGA	TCTTATTTTG	ATTTTTTTCC	AGGAAAAAAA
149001	ATCCCTGGAA	CGAGTGATCT	GAAAAGAAAC	AGCTTGGTGC	TTGTGAGAGG
149051	AAGGTGCTGC	GGTATAAAATC	ACTGTTTTCT	TCAACTCCTC	CCAGATATAC
149101	TGCTCTTTCA	CAAAGATGAG	GGACTGACCT	AGAAAGATTA	ATTTTTTTTT
149151	TTAAATAATA	AAATGGAAAG	TTAACCAAGC	CAAAACCAAT	CAGTAGATTT
149201	CCAGAGTTAA	GAATTCACGC	TTTTCTGGTT	TTACAGTAG	ATATGAGCCA
149251	AGTCACTGGT	CTCCAGAAAT	TATTGTTAAT	GGTTTTTAAA	AATGACTGTA
149301	ACAGAGCTGG	TGTGTGTGTG	TGTGTGTGTG	AGTGTGTGTG	AGCAGCGACA
149351	TTGGTGTCTG	GCCCTTATGG	AGGCAGAGGC	AGGTGTTCT	TTGTGAGCCC
149401	AGCCTGGTCT	ACATAGCAAG	TTCTGGGATA	GCCAGAGCTA	CATATTGAAT
149451	CCCTTTCTAC	ACTCCCAAT	TTCAAATAAC	AAATATTGGT	AACAACAACA
149501	ACAACAAAAA	AAATCAAAAT	CTACCAGTAA	ATTACTTTTA	TAATTTAAAT
149551	GTAAAACTAT	GGGTCTTATA	TTTTGAATGG	TTCTGAGAGC	ACATATGATA
149601	ATTATTTTTT	TAAAAATAAT	GACATATATC	TGAATATTTG	ACCAGAAATG
149651	GATAGCCAGT	TAATTTAGAA	AGACCTGCTG	AAACACTCAG	GGAAAACTA
149701	AAAATATCTT	TATTTCTTAG	AGCTTGTCCA	AATTACATGT	CTTTTGTAAA
149751	CCATGAGAAT	GCCGGCTTTT	GAGGACCTCT	AGAATTTTCA	GCTTGGGTTG
149801	TCCTTAGAAA	ATTACATATT	CCATGTGTCT	GAACAAAAAC	AGGACCAAGT
149851	ATCCCTGACA	TTTCTACCAC	ATTATTACAA	GCAGAATATA	TAACATGGAG
149901	TTGCGGAGGG	AAACATCAAT	AGTTGTGCCT	TTCTGGTATT	CACATCGAAG
149951	GCTCTCTCTG	CCGCACGCAG	TTGGAAATGA	CAAAAGACCC	GAATGCTTTT
150001	CACTCCCAAA	ATGTTGAGTT	TAACCAGGTG	ATTATTTTGG	GTTATATAAA



150051	CGTTGTGTCATG	AATTGTCATA	GACATGAGAC	CCTCATTTCTC	ACTTCTTCAG
150101	GTTTATTTCAG	AGAGCAAGAG	AGAACTAAGA	TATCCTGAAG	ACATTAAAAA
150151	GTTAAGGAGA	AACGGAGGGG	AAAGGCGCTT	TTATATCTAG	CTGTTTATCT
150201	TCTATGTATG	AGTGCTGTCAT	CCTGTGTGTC	AGTATGGGCA	CTGCGTGTGC
150251	CTGGTGCACA	TGGAGGTGGG	AAGAGAGGGC	AGGAGCCTTG	GCAGCAGAGC
150301	TGTAGATGGT	CTGTGAGATGC	CATGTGAAAG	GCAAAGAAAC	CCAGTACTGT
150351	GCAAGCCCAG	CCAGTGCTCC	TAATGCCGAG	CCCACTCCCC	AGCCTCAAAG
150401	AGCAGCTTTA	TAATGGAAGC	AAAAACCCAA	AAAGATTGAA	CATATCTGTA
150451	TATATGCTTA	GAAACCAGG	TTTCCCACAA	GACTTGTGTA	CTCTGTGTAA
150501	GGGTTAAATG	GAAACCTGGC	TTGCCTCACA	ACACAAGTGA	GTGTTGTGAA
150551	TTGTTTGTTF	GTTTATTTTA	TAATTAACCT	GACTATGTGA	AAAATCTCTGA
150601	CCTGGGGCTT	AGATTATTATG	ATTTCTTTGGT	GACATCAACC	CATTTTTCAAG
150651	TATGACTGTA	GTTAAATCTT	GACTATTTTAA	ACTAATACTG	AAAAATACAAG
150701	TAAGGTAGAG	ATGAGTGATA	GAGTCAACAC	CTTTCTCATG	CTCACTTTAA
150751	GAAGAGCAAT	GCTCCACGCA	GGGTTAGTGC	TCCCTTTGGC	TGGTGCTTAC
150801	AGATAFGGGT	GTTTGTGGGT	TAGTGCTCCC	TTTGGCCGGT	CGTTACAGAT
150851	ATGGGTGTTT	TCGGGCTAGT	GCTCCCTTTG	GCTGGTGTGT	GGAGATATGC
150901	GTGTTCTCGG	CTACTGCGGC	AGTGCCATGC	CTGCCTGTCT	GCTGCCAGGT
150951	TCCCTCGCCT	GATGGTGATG	GATTCTAAC	TTCTTGAAGT	GTAAGCCAGC
151001	CCTCAAGAAA	CTAATCTTTT	ATAAGGAAAA	ACAAAAAGGC	GACATTTATTT
151051	CTAAGTCTTA	CTAATAAGCC	CTGGATTCTGA	GGTTTGTGAG	TCTATCTCTT
151101	CTCTCTTCTT	CATTGGTAGT	TTTCTAGCTC	ACAGGAGTCT	CTTTAAAAAT
151151	TATTTATGAT	TATTTGAAAA	CTATTTATGCC	TTAGGGTCTA	GTGGTAAATG
151201	TGATATCTTA	TACATTGTAT	ATATTTTATT	ACATCATATG	CCGTATACCA
151251	TATATTATAT	ATCATGTATT	ATATATTATG	TGTTATTATA	TATATATATA
151301	TAATTATATA	TATAGTGTTT	TAGGGTTAGG	GTAGAAGTTA	TATATTTTAA
151351	AGAAGTAGAT	GCCTAACTGC	TTTCTGTGTC	TTAAGGCCCT	AAATATTTAT
151401	AAGTGTCTAG	TTTTCATGAA	ATATGATTTT	GAAATTAGGT	TGAGGTTTAG
151451	TGAATTGGAA	GCTGTGTGAG	TGTTGGGTTT	TTTTTTTAGG	GATAGGGGGG
151501	ATGACGGGAG	GCTTAGAAC	ATGGACCAGC	ATCAGAGCTG	AAATGCCTTC
151551	CAACTTAAAC	TCTCTGGAAA	AAAAGCAAAC	AAACCCAGAG	TCCCTGTTTC
151601	TGGGACCTCC	GTGTCTCTCT	AGCACGGTGT	CAGAAGCTGG	TAGGCACACT
151651	TGTGCTTCTG	AAAAAGGCTT	GCAACCCAGG	CTCAGGGAAA	ACCGGGCGTT
151701	TGCGAGGCGC	GCACACAGTA	ACCTTTTCTA	GATTTCTGCT	TATGTTGGTT
151751	TGTGTTGTCC	CTGGACTGGT	TGTGTCCTCT	CGCGTTCAGG	AGCCTTTGAG
151801	AGAAGCGAGG	AGTGCCCTTC	GCTTAGCCAC	CGCGGCCATC	CTTCTCTAAG
151851	AACAAACTAA	CTTTATTTT	ATTACAGTTT	TCTGCTTGCC	TCTCTTGGCA
151901	GGCTCTTGGT	TTCCCCCTTG	TTTGTGTATT	AACCTTGGTG	TTTCAATTCT
151951	ATACTTGGAG	CTGCCGAGGA	TATTTCTGTG	TTGTACTAGT	TATTTGCTTT
152001	TTGTATATAC	ACTGAATGTA	AGTGATATAG	AGTAAACACT	AGTTGTGTCT
152051	TAGTCTCTAT	TCTTCTAACT	TCAAGTCTCA	ACCAATCCTC	AGACAGAAAA
152101	GAACAAAAAC	TACCTGAATT	TTCTGATTAT	ATCTCAGAAT	TTTCTTAGGT
152151	CTCCTAATGT	CTGTTTTTAA	AATCCAAGTA	TAAAGTCCG	GGATGTTGAG
152201	CAGATATTGT	GTTTGCGTCT	TCCTCACCCC	ACAAGGACTC	TTACCTTTTA
152251	AAGGAAGAAT	TCTGCTGATA	AAATGACTTA	ATCCACCTTG	GCACAGCGGA
152301	AGGGACACTT	GGCAGCGCTT	CGCTGCCAGC	AAGGTCACAC	ACCAGACATT
152351	AGATCAGCTG	GAAGTCTCT	CTGGGTTCC	GCTGGGTCAC	TTTAGGAGAC
152401	AGGACAGCAC	TGGGTGTGGG	GAAGGCAGCC	TGTGACCGGT	GGCCTGCCTT
152451	CCCAGCCTGG	TGGGTCTGTC	TGAGCCGGGG	CTCTCTGTGG	TGCCCAAGTT
152501	CATCTGGCTG	AAGCCCTGGC	CTCAGTATCT	GATGGGACTC	CGCGTCAGGC
152551	ACAGTAGAGT	GGCTCACAGG	CCCCAGGACT	CTCTGTTCCA	GGCTGTTTGC
152601	TCTGGCCTGG	CTGTCCGGCT	GCAGCTCTGC	CACGATCCTT	TCCTTAAAGT
152651	CTCCGGGTAG	CCTTGCTTTT	CACCTTGGCT	TCCCTTTGGC	TGGGGCTTTG
152701	TTTGTCTCTC	TTTTACCAAC	AGGAGTTGTG	TCTATGCTCA	GCCACAAGCC
152751	TCCCGCCCTA	GCTAGCATCA	GATACTTTCT	TCTTGGCCCT	GTGCAGTGGC
152801	CGCCCTGAGG	CTAGCCCTTG	TTTCAAGCCTT	GCCTGAGTTT	CAGTGGGTCA
152851	TCCTGATGGA	CAGGATGTCC	TTGATTGCCT	TGCGCTCTCT	ATGGGTGCAA
152901	TACACACAGG	GCTGGCTTGC	CCGTTCTCTT	CTGTCTCAGA	AGTCTCAGGC
152951	CCAGCCTGTC	CTTCTTGAGC	TGGCCTTGAG	TGACCCCGCT	GAGCCACATG
153001	AGCTGGTCTC	GCTCCTCAGA	GGTACATTTT	GGCTCTGAGG	TAAACGCTTG
153051	GGCGTATTGG	AAGTTACTGA	GCTCTCGTGA	CAGCCGCAAT	ACATATTGCC
153101	ATCGGTTTTT	TGACTTAGGA	TTCTTCTTAA	AGTCTCTCT	AATCAGGCCA

153151	TTCACCAAAG	CCTGCCCCGT	GAGATAACCG	TTGCGCTGAA	CTCAGTTTAG
153201	CCAGCCTGGG	TTCTAGATCC	AAGGAGATTG	TTCCCTCTGA	TATCCCCAGC
153251	TTGATTATCA	TATACTTCCC	GGGGATTAA	TCAAACCTCA	AGGGCCTCAG
153301	ATACCAGAAG	GGATTCTCTC	CTTCTCTCTT	TCAGATGTGT	AGTGGGTGTT
153351	GCCCGTGTGT	TAGCGGTGCG	GTCTGGTACT	GGGGCTATAA	CGGTAAACAG
153401	AACCATGGCC	ATGGGGTTCA	CTGTGTCTCC	TGGAGGAGGA	GGATCAAGGG
153451	TGAGACCGGC	AGACAGCTGA	TGAATTAATT	ACCATTGCAT	GTGTGTGGTG
153501	GTGAGAGTGG	GCAGGTAAGC	CTTAGAAAGC	CTCTCTGATG	TGTTGGCCCTC
153551	ACTCCTGGGA	CAGAGTAGCC	CGAGTTAGGA	AAAGACATCT	CCAGGAGGCG
153601	CTAAGTTACC	TGCTGTACCC	GTGTGTACTC	AGTGACTGGG	TTACGACCCG
153651	TCCGTCGTGC	TTTCCATCGC	GCATCTGAGA	CCTTGTGTGG	TCCTTCAGAT
153701	GAATGTAGAT	CATCTGGGAC	TCGGAATGAA	AGAGTAGTGA	TGCCACACGAC
153751	GAGAAAGCAC	CTCCCCCTCT	CTTCCGAAGT	AGTCCAGATA	AGGATAGAGG
153801	CACCAAGCTT	CAACCCCTGC	AGGCAGTGGG	ATCCCAGCAG	TGTTTAGCTG
153851	GGTTGCTGCC	CCCCCACC	CAGCCGCCGT	GTGCTTTCC	ACCTACAGAA
153901	GGAGGCAGAA	ACAAGGGAGG	ATTCACTACC	AGGCGCTGCT	AGCTTTACCT
153951	TGAACATTGT	CACAGGCTTG	GGATTCTTCT	CACAAGCTCC	TGCGTTTCTA
154001	CCACCCGGCT	GAGCATGCTC	TGTTGGAGTG	AGTGTGCTTT	TCCAAGCTGG
154051	TGGTGTCTCC	AGGCATTAT	GGAAGGACAG	GAACCTGGTTA	AGTTTATCAG
154101	TAGCATTTATG	GAGTTTGTAA	CTTTTATCT	AAACACCACG	TTTGCAAGTTA
154151	TGGCGACCTT	CAGCAAGATG	CCGCCAGATC	CCTTGTGTGG	GGAGCTGGGT
154201	GGGACCCACA	CATCATATTC	TTTTTCTCTG	TGAAACCGGA	GGCCTGGGAG
154251	ATTAAAGTCAG	CTTGCTCATC	ATCACATAGC	TGTGTTGATG	AATTTATTGC
154301	TGAGACTGGA	ATCTTAGCCT	ACCAGCTCTT	GATTTAGGGT	CTTTCTGCTC
154351	TCACAGTTTT	TTTGCGCTCC	CACCTGGTCT	GAAATGGAAT	TGTATTATTTC
154401	TGTGCTCTTA	ATAGCCAGAG	GAGGCTTTTA	AACATTTGCA	CTCAATATAGT
154451	TTTTTTTFTT	ATGTTTAAAG	GTAAAACTT	CAAGATTTT	TAGTATAGTG
154501	GTTTGAGATT	GTCTTAAAGT	ATTTTATTTT	TATTTAACGCT	AATTTTAACT
154551	ATCTACCTGG	GAGTCGTGAT	AATCCAGGCG	TCATCTTTAT	CAGAGGCTTC
154601	CCCCAGCTTC	TCAAGGCTG	ATGTAAGGCG	AGGCAGAAGT	CTTTTATGAG
154651	TATTTATGGG	CCTGATGAAA	TAATGCATCT	GCTGCGCACT	AATTGCCACT
154701	CTTTCTAGGA	ACGGCAAGCC	ATGTGACAGG	GCCTGTCCCA	GCAGGGATGG
154751	CTCCATTTPCA	CTCTCAAATG	CATTTAATAC	TTTTTTGGGGT	TTTTTTTGAG
154801	AAAGCTCTGAC	TGTGCTTTT	TTCTCCCTCT	CCATAGCCAC	AGGGACTTTG
154851	GGCTGCATCA	GTCACCCGAT	CGCCTTCAGG	TCCTTTAACCG	TGCGCGTGTG
154901	CTGGGATPCC	CCGGGGGACT	GAGAGGCTGC	TGATGTCCCTG	GTGTGCTTCC
154951	TAACCAGACC	AATCCATCAC	AGAGTTTCTG	GGAGTGTCTT	CTAGGCAGTG
155001	ACATTAGACA	CACGCCCACT	GATTTGAGTA	CAAAACAATCC	CGGGCACGCA
155051	TGGCTTACCG	GGGCATTTCTA	AATCGTAGCA	GGGAGAGAAC	CTTGCGATCG
155101	GGCAGGTGGT	TCGGTGACGG	CTCCTTGCGT	GCCATCGCTC	CACAAATGTT
155151	GGCGGCCAG	AACTACACAC	GGCCGGATGA	ACTGCTTGTG	TTTTCAGTGG
155201	GGGAGACCG	AGTAAGGTGG	TAGAACACGG	ACACACAGAA	AGACATTTACT
155251	TCACAGGTGT	TGTTAATCCT	TGAATTTCTT	GAACACTTGT	TGAAGGATTT
155301	TCCAGAGTAC	CAGACCCAG	AGCAAGTGCG	ACTCCGGTAC	GGACTTTAGA
155351	ATGTTGGGCG	CATACAGGCG	AAATGCACGC	CGAGACGGAG	TTGGAGAGAG
155401	TTTGCAATTAG	CTGGAGAAGT	TGAATTTAGG	CCCTGGTGGT	GTTGAGCCAG
155451	GCCTTTAATC	TCAGCACTCC	AGAGACAGAG	GCAGGTGGAT	CTCTTGAGTT
155501	TGAGGCCAGC	CTGGCCTAAG	GAGTAAGTTC	CAGGGCAACA	GGTGTGTGTG
155551	TGTTGTGTGT	TGTGTGTGAG	CAGGGGTGGA	CGAGAAGGAG	TTGAATTTCAG
155601	GGTATATATA	TATATATATA	TATTCCTTGA	ACATGGCTTC	TGGGTGGAAG
155651	AGAGAGACC	TAGGCAGGTA	GCTCTGGCTC	ATCCTGCTCA	CTCTCAGGT
155701	AGCAGGCTGG	GTGCCCTCTGA	TTTTTTTTTG	TCCTTAAAAA	TGAGTGTGGG
155751	GCCTGGAGAG	ATTTGTGACG	GCTCAAGGGT	CTTTGCTGCT	TTTCCAGAAG
155801	GCCTGGGTTT	GTTCCTAGCA	CCCAATGTAT	GGTGGCTCAC	AACCCCTAGT
155851	AACTCCAGCT	TCCGGGGGAC	CTGGCCGATG	CGCGTGGCTG	TGTGCGTGTG
155901	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTATG	TATGTATGTA	CTGGAGAGAC
155951	ACAAAGATCC	CGAGTTAAAG	ATCATCTTCA	GCAGCCTAGG	GAGGTGTAGG
156001	CCTGAGCCCT	GTAGAACCTT	TTATTATATA	GATGAGGCAC	GAGTGAACATA
156051	GGGCTGTTTA	ATAAATCCCT	TAAGGTCAC	CAGGTGCATG	GAGCCAAATT
156101	ATTAACCTCA	GTGCTTTGAC	TTTACAGCCT	GCTTAACATCT	ACCCCATGAA
156151	AGCACCTTAT	CAAAATAGAC	TTTTCCCTTC	GCCTAAATTAG	GATAGCTCAG
156201	GTGTGTTCCA	GTGCTCCGTC	CCCACTCATT	CTCCCTTGCT	CCTGTCAGAC

156251	ACAAGCCAG	GGGCTCTTG	AAAGTCCTTC	TCTTTCCTGT	TGTCTCAGGA
156301	GTCACCTACT	CCCTGTGTCT	CCCCTTTCCT	GGTCTCCTTT	GATCCTTTGC
156351	AGAGGAGGTG	GGATCTGAAG	CAGGGCCCTG	CGTTCTCTCT	CTCTCAGGTC
156401	CTCTGAAGCA	GGGCCCTGCA	TCTCTCTCCT	CTCAGGTCCT	CTGTTATCTT
156451	GAGAGTCCTA	AAGACTAAAG	CTTTGGTCTA	CAGAGTGAGT	TCCAGGACAG
156501	CAAAGCTATT	ATACAGAGAA	ACCCTGTTTC	AGGGGAAAAA	AAAAAAGAG
156551	ACTAAAGCTT	GGTCGTGTTT	GGGGACATCG	TGGTAGCTCT	GCTGATGCTG
156601	CAGTCAGGTC	CCACTTTGCA	GCTCATAAAT	CATGCTCTCT	ACAGCTGGTG
156651	GGTACCAGGA	ACAAGTTCTG	CTGGTGTAGC	TCCAGGCTGC	CTATCAAGGT
156701	AGCAGTCCGG	CTTGGGAGGG	AGGGGGGGAG	GCTCAGACAC	GAAGGCTGTG
156751	GTTGCAGCCA	GCTGCAGGAA	TGTTTGCTCT	ACCTAAATGT	AATAGGCAAG
156801	TGTGTTTACA	CGGTCCTTC	AGTTTGCCCA	GTAAGGAGCA	TAGATGTATA
156851	TGATTCCTTG	GAGGGTTTAC	CCACCTTGCT	CCCCCTTTTA	AAATGTGATT
156901	TTTTTTTTTCC	AAATAGTCAA	CCTGAATTTA	AAAGGCAGTA	TGACTTCTGG
156951	ATGTTTTTGGG	TCAGGTTTTA	GACGTAGGCT	TTATTTTTTGC	TAATGATATG
157001	AAAGATTTCG	CCCTTTGTAG	GAAGCGCCAG	GCTGAGAGTT	CTCGGAAGTG
157051	TTCAAGTTCT	ATTTATATTC	GGCACCATGG	CAGAGATGGT	GGCGACACGG
157101	TTACCAAAAT	AACACCGTGG	AGATGTCCTGA	AGTGGTTGAG	AGGACACAGG
157151	GGTAAACACA	CCAGGGGCTT	CTCAGTCAGC	CCTCAACAAG	GACAGCGGCT
157201	GTGACTAGAT	AGATGCGTGG	GATCTTTTCC	ACGCCAGGCA	AGCAACACGA
157251	TTGCTGTAGC	GGACACCACC	TGGGTGCTGT	TTGCTTCTCC	TCAAGTCTGA
157301	CAGCGTCATC	CTGAAGCTAG	CATGTGACCC	CACAGCTGAG	GCCCCAGTTT
157351	CTCATACCAC	CTCCAGGTTT	CAAGGCCAGT	CACAAGTGTC	TGTCCTTTAG
157401	TTTCAAGGTG	GATTCCTCTAT	GGCGTTTTTC	CTCTTGTTCA	ATTAATTTTTT
157451	AAAAGCTACT	TACCAAAACA	AGAGAAGCAC	ATTTACCAGT	TTATTATAAA
157501	GCAATGTTTAT	GAAGGATACT	GATAAGAGAT	ACACAGGGCA	AGGGATAGAA
157551	GGAGAGTCTT	TCCCACGTAG	ACCACATCCC	GGAACTCTCA	GCTGTAACTT
157601	TGGGCTGTCT	GGAGGCCCTC	TAAGCCCTGC	CCTTGGAGTT	TTTAATAGCT
157651	TCATCACATT	GGCACACCTG	ATGAAATAAC	CAGACAACCT	AAACTTCAGG
157701	TGCTCTCTTC	TCTCCAGAGG	GACAAGATGT	GAACACTCAC	TGTCCTCCAG
157751	CTTGGGAGAC	AGAGACAGGA	GGATCAGAAG	TTGACTCTCA	ACTGCCACCC
157801	CTGTCTTGGA	TTCTGAACGA	CTGTGCCCAT	CCCAAAAATT	ATTCGAGACTG
157851	TTGGTCACTG	GTCTGTTTGT	GATAGCCCTG	GGGCTTAATA	AATTTGATGT
157901	TAATTCGTGT	AGAGGTTTTG	GATGAGGAAT	GAGTCAGCAC	TCAGGTCGAT
157951	TCCTGTAAAC	CTGCTTCCCA	CCTTAATTTG	TAAATAAAGG	GCGAGCTGAT
158001	GATTTGGGCG	CTAAGGGGAG	GTGAATAGAA	GATGAAGAGG	GAAGCGAGAG
158051	AGGGAAAGAA	GAAGAAGGAG	AAGAAGAAGA	AGAAGAAGAA	GAGCGGAGCA
158101	GAAGCACATG	GCCTGGAGAA	ACCGAAAGTC	CTAAGGGGTC	TCATGGATGT
158151	GGAAAGTGGT	AGTGTAGCGG	TAGATCTGCC	CAGTCTAGGT	GCACAGCATG
158201	TATTCATATT	AACTGAGTTG	TGTTTTCAAT	GCTGGGCATA	TCTGAGTTTG
158251	AGATTTCGTG	TAACACGGAT	CAGCTTAGTA	GCAAGTAAAA	AGACATGGCT
158301	TCCTTGAAGA	CCACCAGGAT	GTGGAAGTGT	TATGTCAGGC	AACAGGACAA
158351	GAACCAGACG	TTACTTATTT	TGTGATATCT	TAGTGGCAAA	TAAGCCCTGT
158401	GGTCGTGAAG	CCTGCGTGTA	AGTCCCTAAG	AGCAGGTCAC	AGTACTATCA
158451	TGGGTGGATG	GGGCATGCCCT	GCCAGGACTT	GTCCCTGCTG	CGTAGCTGTA
158501	GAGGATCTTA	GAGGCCTCCA	TTTTAGAGAC	GGGAAGGTAT	GTTAACTTGG
158551	TTTTCTTGTTG	CAATGACAAA	ATACCTTGAC	CAAAGCAACT	GAAGGGAGAA
158601	AAGGCTGTTT	TGGGCTTTGA	GTTCCAAAGG	GGACACTGTC	CATCTGGGCA
158651	GGAAATGCTC	GGTGATAGGA	CGAAGAGGCT	GGCCTGCCCC	ATTGTACCAG
158701	CAGTCCAGAA	GAGCCAGAGA	GCAGGAGCTA	GGGACAGGTT	ATGCAGCTTC
158751	AAAGCCAGCC	CCCAGTGACT	CTCCACCAGG	GGCATTCAAA	GTTCTCTTTC
158801	TATCCAGTGC	CAGTAGCTGA	GGCATCACGA	ATTTCAGATAC	GCACCGGAGC
158851	CCATGGTGGG	CATTCTCAT	CCAGACCACA	GCAATAGGAC	TGTTCCCAAA
158901	CCTATAAAAT	GCATCAGATG	GGTTCTTTGG	TTCAGGAGT	AGGACTTTGT
158951	ACTAAGATAA	ACAAAAGTAG	CATATTTGCAT	AAATTCACAC	CTTTGAAAAA
159001	ACTGGCTAAG	ATGGAAGGAC	TATTTAACAG	GGGGCCAGAT	AAGGCAGTGA
159051	GTGAGTCTAA	GGTACGGGAT	GGTGTATCCC	GGAGAGCTCT	CATTTGACCT
159101	GCTTCGGGAT	GCACATTGTA	GGCCAAAGCT	GGGTCTCTAAG	TGCTGCTGTT
159151	AGGTGTGGGA	ATCACCCGGA	GTGGTGAAGT	TCATCTGAAA	ACTTGTAGGC
159201	TCTCGGGAAG	TCTTCTGGAG	TCTCCAGTTC	CTCTTCTCTG	CTTCCCCACA
159251	GCCCTTTATC	CTCTGTGGT	CTTGGCTCCC	CCCCCCCCCT	TTTTTTTCTC
159301	GAGACAGGGT	TTCCTGTGCG	CCTGGTTGTC	CTGGAACTCA	CTTTGTAGAC

159351	CAGGCTGGCC	TCGAACTCAG	AAATCCGCTT	CCTTCTGTCT	CCCAGTTTCT
159401	AGGATTAAACG	GGGTGTGCCA	CCGCTGCCCC	GCTTGGCTCC	CCCTTCTTAC
159451	CTGGTGGCCT	TTCCACTGCC	TTTCTCTCT	CAGCTCTGGC	CGCCTCCGC
159501	AGCTGCCGGA	CGCGCAAGC	AGCCACTGC	CTCGCTGGCT	GTCTCCACAT
159551	CCTCTGCCTC	GCAGCCTTCA	CAGCTTGACT	TGACTGCTCG	GCTGTGTCTG
159601	CACCTTCAGT	TTTGCCTGTCT	CTTTTGTGTCT	AACAGCTCAG	CAGAGAAAAG
159651	ACCATTTTGCA	CGAGAAGCCT	TTTATTAGGC	TTATTACCGC	AGCACAAGG
159701	GAGGCAGCAG	AAGAGAGTGT	CTCTCAGTCC	ACTCACGGAG	CCTGCTCAGA
159751	CAGCCAGAAG	AGGCGTTCGG	GCCAATCACT	CTCTTGCCCC	TCAACACCTG
159801	TCATGGTTTAC	CGAGGCTTGT	GCTTGTACCA	ATCACAGTCT	TGCCCTCTAG
159851	CACCACTGCC	TTTCTCTTGA	TTTATTGCCA	ATTGGTGGCAT	TGCTCTTAGAT
159901	AAATAAATCA	CAGCCGCCCC	TCTGCTAGAC	CCCTGGGGGA	GGCGTGCCTT
159951	TCTACCCGTG	CTGGAACTG	TTCTAGGGTT	ACAGAGTTCA	TAGAGCTAC
160001	GACCAACAAAG	CCCTCCGGGA	GCTGGAGTAG	GCTCATCTCT	TGCACAGTTG
160051	TCACAAGCGC	ACCAGGGGAC	TTGGGAAATT	TATTGTGAAG	AATTCTTTTT
160101	AAGAAAATGT	ATTGTTTTGT	CTTAGTCAAG	GTTTCTATTC	CTGCACAAAG
160151	ATCATGACCA	AGAAGCAAGT	TGGGGAGGAA	AGGGTTTACT	CAGCTTACAC
160201	TTCCACCCTG	CTGTTTATCA	CCAAAGGAAG	TCAGGACTGG	AACTCAAGCA
160251	GGTCAGGAAG	CAGGAGCTGA	TGCAGAGGCC	ATTGGAGGAT	GTTCTTTACT
160301	GGCTTGCTTC	CCCTGGCTTG	CTCAGCCTGC	TTTCTTATGC	AACCCAAGAC
160351	TACCAAGCCA	GGGATGGCAC	CGCCACAGAT	GGGCGCTGCG	CCCTCTATCA
160401	AGAAAATGCC	TTACAGCTGG	ATCTCATGGA	GGCAGTTCCC	CAACTGAAGC
160451	TCCTTTCTCT	GTGATAACTC	CAGCCTGTGT	CAAGTTGACA	CACAACCCA
160501	GCCAGTACAT	GCTTCAAAGT	TTTCATGCATA	TGCATATATA	CTGTGTATAC
160551	AAACACACAT	ATATGTGTGT	ATGTGTATAT	GTATCTATAT	CTCTCTCTTC
160601	ATGTATATCT	TAATCATACA	TACCGTCCC	TTCAGTCCCCT	CTTCAAATC
160651	GTCTCTTCCC	CTACAAATTC	ATGTCTCTT	TAAATTTAAA	AACCAAAAGT
160701	TTAAAAAGTG	TTGAGTCTTT	ACAGAGGGGC	ATTGGCTGGC	AGCCTGGCAG
160751	TGGCCACCGC	TCAGAACAGT	GAAGAATCTT	TAGCTTAGTAG	AAAGTTACTT
160801	CTGATCAGCT	TCTAAAGGAC	TGACCGGTGAC	TTCCAGGAAA	CACAAGAATC
160851	ACATTAGAAG	AACCTCTTTC	TTTCTTTTCT	TCTTTCTTTC	CTTCTTTTCT
160901	TCCTTCTTTC	TTTCTTTTCT	TTTCTTTTCT	TTCTTTCTTT	TTCTTTTCTT
160951	GGAGCAGAAG	GAGAGTACAA	GACACAATCC	ACAACCTCTT	AAGAGTTTGT
161001	AAGAAGCTCT	CTCCCTCCCC	CCACCCCAT	CCTTTCAAGG	CCTAGAGTCA
161051	GGCCCTCTG	GAGATGAAGT	GGCTTCCTGA	CAGGGTATGT	GGATGGACCA
161101	GAAGCTGTC	CAAGATAGAG	GGGCAAGAG	GCTGCTTGGG	AAGTAAACAG
161151	ATATCTCAGG	GGGTCAAAC	ATCCCAAAT	CAGGAAAAGC	CCCTCCCCGC
161201	CCCCACGCCA	GTGTCTTTTC	CTCCTCTTCC	GTGAAAAGT	AGGGCGAAT
161251	AGCTTTGCAT	ACAGAACAGC	GATGTACCCG	GGATTACAGT	CAGGATGCAG
161301	AGCAGAGAAG	GCAGAGAGCC	GAGAAGTGAT	AGGCAATTCA	CAGGGTTCCG
161351	AGAAAACAGC	TTGTGAACAC	TTACCATCGC	TGGCTATCCT	CTGAAATTAC
161401	GGTTGTATT	TTATTTTCAT	GTCTGTGTAA	CTAGACTGCA	GTGTTCTTTA
161451	AGGCAGACAT	CATCAACAAT	TTTTAAAAAT	TCAAGCTTAG	AAGCCATAGC
161501	GTAGCACAAAG	GTGCGTATCA	GCCACCGTGA	GTTCTGTTGG	CGTGCAGAAG
161551	AATTTACTGTA	AAACCCGAGT	CGTACTTTCT	TAGAGTTTCA	ATTGTGACTA
161601	CGGGAGTCA	GGAGCAGACC	CGTGCAGTAG	AAGAGCTTGG	TGATCTCTCC
161651	TGTCGCTGTG	CACGATTTAA	TTTGGGTCT	AGTCTTAAAG	GGACACAGCT
161701	CATCGTGATG	GGGAAGGTGG	AGCTGCCAGA	ACAAGTGGGT	GCTGGTCCCT
161751	TTACATCAGC	AGTCTGGAAG	CAGAGAGAAC	AAGAGAACAG	GGAGTGGGCC
161801	CTGGCCCTTAA	AATCTCATGG	CTCATCTCTA	GTGGCATTCT	TTCTCCATCA
161851	AGGCTCTTCC	TCATAATGAG	CCGGTGCTCT	TCCAGTGCTG	TTGCGAAGAT
161901	GTGGACAGTC	GGCCCTCCCT	CACCAGATAC	CGAGTGGCAG	CCCTTGACCT
161951	AGAATTTCTA	GTATCCAGAA	CTGAGAAATA	AGTTTCTCAT	CAATTATAAG
162001	TTACCCAGGC	TGGGCTGGCA	AGATGGCTCA	GTGGTTAAGA	GGCGGACTG
162051	CTCTTCCGAA	GGTCCCGAGT	TCAAAATCCCA	GCAACCATAT	GGTGGCTCAC
162101	AACCATCCAT	AACAAAATCT	GATGCTCTCT	TCGGAGTAGT	CTGAGGACAG
162151	CTACAGTGTA	CTTACATATA	ATAAAATAAT	AAATAAATAA	ATAAACAAAC
162201	AAACAAAAAA	AAAGAAATCA	CTGCAAAAAA	AAAAAAATAA	TTACCCAGGC
162251	TGTGGTATCT	TGTTATAGCA	TTATAAATAC	AAGCCATCAT	GTTGTGCATA
162301	GTAAATATAT	ATAATCTTGA	TTTGTTAGTG	TAGTACAATT	TAAAGAGTCA
162351	GTATGGTTTT	TAATAAGCTA	TTTATAAAGT	ATAAGATGAA	AAATTTGAGC
162401	TATTTTTTAA	TAATCTCAAC	ATTTTAGCCT	ATATATAGGG	AAAGTGTAAT

162451	AGTTCCTCTC	AGACATCCTA	GGTTTATGGC	CCAGTCTCAC	ATTAAAAGAC
162501	AAATGAAGAA	AATATACAAC	TTAAAATAAG	TTATTTTGGG	TGTGTGTGTT
162551	ATAGTGTGTA	CTGTGCAGTA	CCCATGCACA	CACATATAGA	GAAAGCTATA
162601	TAGATACATG	GAAGCTAACA	TTCTCCATCT	CATTTATCTT	CTAAACGTA
162651	TTTATTTATTT	TTTATTCCT	GTGAATGTTT	TGCTTGCAAT	TGTGTCTGTG
162701	TTACATGTGA	GTTCCTGGCT	CCCACAGAGA	CCAACAGGGG	GCGTCAGGTT
162751	CCATGGAAC	GGAGTTTCAG	AGAGTTGTGA	GCTGTCACGT	GGGTCTGGG
162801	AATTTGAAC	CAGTCCCCTG	GAAGAGCAGC	TAGTGATTTT	AACATACCGAA
162851	CCACCTCTCC	AACTTCCAAA	CTTAATATAA	GGTTTATGAC	TGTGATGTCG
162901	TTCTAAGGAA	ATTTCAGACC	AGGGAAGCAG	TTGGACTTCT	GCCTGTTTAT
162951	TTAGGTCGTG	GGAAATGAAG	ACAGTTGTTG	AGAGATGGAG	TAATCCAGTG
163001	GTAGGAGTGG	GAACGTGACG	GGTCTGCACA	GGTCTCCTCT	GTGACCACGT
163051	CTTCAGAGAC	AGGAGCCACT	TTTTTCTCCG	CCATAGGCAG	GGGTGTCTCA
163101	CAGGAGGCTC	TTACAAATCCA	CTTCAAGGAA	GGGGCAGGGA	GAGGTGCGGT
163151	GAGCAGCCTG	CCTCTGCTAC	ACCCCCAGAC	TCTGGAAACGG	GGCACCCTGAA
163201	GGCCCGTCAC	CACCACAGGA	AATTCAATTC	TCTGGTGGAG	AAGCACTGGC
163251	CGCTCTCCTC	ACTCATTTCC	AGAAAGTCAC	AATTTTCTTG	CTGCCACCAA
163301	TGCTGGAATC	CAGGGTTTCT	TGCAAGAAGC	CGAACAAGGA	AGAGAAGTTG
163351	GATTGTGTGC	GTGTGAATAC	ATTACAATCT	TTTCAATCCC	CGAGTCAACT
163401	GGAGAGAGTC	TTTTCAAAAT	ATTACTCGGG	CTGGCCTGTT	GCTGCTTCAG
163451	TTAGGACAGG	CTGGGGTGG	GGTGGTGGAG	TCAAATGCC	TCCCTAAGT
163501	GCCTCTCAAG	GAACCTGGGA	GGATAGTTTC	ACTCCAAGTG	TTAAATAACT
163551	TTTTTGTGTT	TTTATCTTTC	GGTGAGTATT	CTATTTCAAA	GTCTTTTACT
163601	AGATTATTTAT	ATAACCGTTT	TTTTTCCCTT	TTTGAGCGTC	TTCATTTCAAT
163651	GTGCCCTTCTG	ACATTAAGTT	CCAAATCTT	TCCTTTGTTT	TCCCACAACT
163701	TGTTAGATTA	TAGATGGTTC	TGTTTGTGCC	AGTGCCTGTA	AAGCAATATC
163751	TCCAGATAGG	CCGTCTTTGT	CCTGACACTT	GCCTTTTCTC	TCCTTTGTGT
163801	TGCTAAGGCA	TTCTTGACGA	CTCTCTCACT	TAACGTGTAGA	GCGTGTTTCA
163851	AAGAGACTTAC	TAAAAGCTTT	GGCAGAACTC	CCACATCCCC	CCCTCCTCAC
163901	TGTTTGCTTAG	CCGTTTCCAC	ACCACACAAG	ACTATAGGAC	ACAGAAAGGT
163951	CTATTAGCAA	GTGGGAAAAA	AAAATCACA	CACAGCAAA	TCATCTTTTT
164001	TTTTTCTTCA	GTCAGTCAGC	ATTTATTGAG	GCCATACTAT	GTGCCAGGAG
164051	TTAAGTCAGT	CCGGATTAGT	CAAGTATAAG	CTCTAAGTGC	TTTCACTCCG
164101	AAGGTTTTTCC	AGGGCTGGTG	AGATTACAAA	CGATCTGGTC	TCTCATACAA
164151	ACTGAGGGCT	TCCCATGGAG	CCTGGTGGAT	CAGTTGTCTC	CTATGGATGT
164201	TGTCATCATC	ATTAGATGGG	GCTGAAGAAC	TGAGCTGTGC	AGATTGATCT
164251	AGCAGCACTG	GATACACAAG	AGGGAGATGC	CTGTGGGTGG	GGTGTGCTTG
164301	TCACTTCTCT	TTCCAGAGAA	TTTGCTCTCT	AACCCCATTC	AGTGTCTCAC
164351	GTCTGAGGCT	GATGCCATTA	TTTCAACTTC	TATGTGTAGG	AAGCCGAGAC
164401	TCTGACCAGC	CAACATAGCA	TCTCACTCTA	CAGATACTCT	GAAACATCTC
164451	AGTGGGGTCA	AAGCCGGGTA	AAGTCTGGTT	TCTACCTTCT	CTGCCGGGTT
164501	GCTGGTTTTT	TCTGCCTCCA	AACTAGAGTG	CTTCATCCCT	CTACTCCAGT
164551	GGCCGTCAAG	ACAAGTGACT	GAAGTGTTAA	AACCTAAAGT	GCTACATTGC
164601	GGGCGATGTT	ATATTTTCTT	CATTTTCTCT	TATGCATATG	AATGTTTACC
164651	TGCATGTATG	CCCTTGTTCT	GTGTGGCATGG	AGGCCAGGTT	TTGGATCCCT
164701	GACCCCCAGA	CTGTGGTCTG	AAGGTGCTTG	TCTGCAGGGG	TTCTGTGTGG
164751	GACTGAATCC	CTAAATCTAC	ATGTGAGGGC	TTTGAAGCAG	GTAGGCTGAG
164801	CTGAGGCCAG	GGAAACAGGG	CTCCCGTGAC	GTCACGTATG	ATGGTTTTAT
164851	AAGAAGAGAG	ACAAAGACTT	ATGCTGCCTA	GTTTGCTACC	TCATAATGTA
164901	ATTAATTTTT	TTTTTTTTTT	TTTTTTTTTT	GGCTGTCTGT	GAACCTCACT
164951	TGTAGACCAG	GCTGGCCTCG	AACTCAGAAA	TCCGCCCTGC	TCTGCCCTCC
165001	GAGTGCTGGG	ATTAAAGCCG	TGCGCCACCA	TGCCCGGCTT	AATTAATATG
165051	TTTTATCAGC	TCAAGAAGCA	GTAAGAAGGC	CCACACAGA	TGTCAAATAG
165101	ATATTAGGAG	TATGCTCTTA	TGCTGCCAG	CTTTCCGAGC	CCCAGACAGA
165151	GAGACAACCT	TTAATTCCTT	ACAGAGGACT	TGCTCTCATA	GTTAGCTTAA
165201	CTGTGACGTT	GGTATAGCCT	CGAGGCACCT	GAGAGATATT	CTCCACTAAG
165251	GGGTTCGCCG	GGGCGGATTT	GGCCCATATG	AGTATATGGG	GATTGTCTGT
165301	TGGTGTAGAA	GTCCCCAGTA	TACTGTGTTT	ACCACTGTTT	CCTGGCAGGT
165351	GGTCTGTGTC	TCTGCACAAA	GGCTCCTAGG	CAGGAACCTG	TGATGGATGG
165401	AGTCAGCAAG	CAGTGTCTCT	CCACGGCCTC	TGCTTCAAGT	CCCTGGTTTA
165451	GTTCCTGCCC	TGACTCCTCT	CACCCATAGG	TGTCCTGGAA	GTACAAGGCA
165501	GATACACTGT	GTCTTCCCTG	AAGTTGCTTT	TTGTTGAGGT	ATCTGTACCA

165551	CAGGGAAAGA	TTAAGGAGTG	CACCTGATCT	TTTGTTAAGG	CTATAGAAGG
165601	CAGACTAAGA	AACCCATTAC	TGTCATAGT	TTTTCTTACT	TTTAGATTTC
165651	CTTGGAAAC	TAGCAGATAA	GTCTCTGCCT	GACCTTCAGT	GACAAAGACT
165701	CCTAGGAAC	TTCTAGTGCT	TTCTGTGTCC	TGTTTGTCTGA	ATACAAGCAG
165751	TTAGCTAGTC	ATTTTACCAG	ACTGAAGGCA	GTTTGTCTCT	GTCATCAGCC
165801	AGGTAGCATC	TAACCTGTCT	GGTTTCGGGT	GCATTTTATT	GTTCGCCGTA
165851	GTAACATATTA	TAATAGCAAA	TTTCATGTGG	GAGCACAACG	CCCTCTCTCC
165901	TTCTCTCTCT	CCTCTCTTCC	TTCTCTCTCT	TCCTCTCTCT	TCCTCTCTCC
165951	TCTCTCTCTC	TCTCTCTCTC	AATGACTGTC	AATTCAGTTC	TTGCATGTCC
166001	CCATTAATAA	CAGGAATAGA	CCTGTGATTA	GACCCCTTGG	AACCCATCTT
166051	TGCTTAGGGC	CAAACTTTTA	TFCAAATGAG	GGAAACTTGA	AGAGTGAAGG
166101	TCTGAAGCCT	TCAGGATTGG	TCCCTCTCTG	ACTGATGTTC	CCAGGCTCAG
166151	TGTCCTAAGC	GACAAAATGA	AAGCCACCTC	TCCCACAGAG	CCCAGCGGCT
166201	CTCTAATCCA	GAGCCATCTT	TTCTGGCTGA	ACAAAATAAT	ATTCTGTACA
166251	TAGTGGCTTG	AACCTTGGTA	CAGGTTTGGG	CAAGTCAGTT	TTTGTTCAGTT
166301	TAGAGTCCAC	TGAGGAAGAA	AGGACCCAG	CCAAGGCTT	GTCTCCCTCA
166351	GACTGGCCTG	TGGGCATGTC	TAGATTAGTG	ATTGATGTGG	GAGGTCTCAG
166401	TATACTGTGT	GTGGGGCCAT	TCCAGGGCAC	ATGGTCTCTG	GTCTTACGAG
166451	AAAGCAGGCT	GAGCAAGCCC	TGGGGAAACA	GCCAGGAAGC	AGCCCTCCCC
166501	CATGGCCTCT	GCTCTCACCT	CTGCCACCCG	GTTCCTGCCC	TGCTTGTAGT
166551	CCTGGCTTGG	TTCTGTGCTA	TGAACCTGGT	GTAAATATGT	AAGCCAATAA
166601	AACCCCTTTC	CCTCCCCGAG	ACTTTTGGTC	GTGGTGTTTA	TTCAGTAAAC
166651	AGAAACCAGA	TTAAGAAAGT	GGCGAGTTCC	CCACACGTCA	GTGCTGTCAA
166701	CCTAGGCTCC	CAGGCACGCC	ACACTATTTG	GGGGTTTGGG	GGAGCTTTTAC
166751	GAGATAAGCT	AGGTAGGGTT	GGTTCTTGGG	AGGGCATGCA	TGCCCTGAAG
166801	TACTATTTCT	TCACTTTCTT	GTCCACCATG	ATGCGACCCG	CCTTTTCTGT
166851	CCCATGCTCT	GTTCCTCATT	GGCTTAATCT	CAGGAAGCCA	ACTGACTTGT
166901	AGCCGAATCC	TCCAAACCAT	GAGCTAAAAG	AAATCTCTGA	ACCTTCTGTA
166951	AGTGGTTTCT	ATCAAGTCTT	TGGTCCAGTT	GTGCAGAAAG	AACATAATATA
167001	TTTACTAAAT	TCCTGTCCCT	TGCCCTGGTC	CACATCTCTC	TCTTAGGTTA
167051	ATCTCTAGCC	CACCTGTCTG	GCTGGTTGTT	AGCTTAGTTT	TCTCTGTACC
167101	CTTCTGTTTG	TTCATGGAGA	TATACAGAGA	TGGTGGGGGT	TCTTGTCTGT
167151	GCCTTCTGCT	CTGCACCACCT	CTCTCAGCCT	TCCATTTCGA	CAGTCTGCAG
167201	TTTTCTATCT	CTGCCCTCTT	TAGGAGGCGC	ACAGTTTTPA	AATGAAATCA
167251	AGTCTTCAAT	AGAAAAGAAC	GCTTATTTAG	TGCAGCTGAG	GAGGCGAGAG
167301	GGCAGGTGGT	AACAAACTAT	TGCCCTGCCG	CTGATTTTCT	TGTATTTGTT
167351	GCTGCCTTGC	CATCGAATAT	AGAGTGTAGA	AGTTGGGAGC	TTGTGGCTTC
167401	AGTTATCCTG	TCTTGTGTGA	CCTATGACGT	AAGAATAGAT	TGTGTACGTG
167451	TACATTATATA	TACAAAATGT	TGTGTGTATA	TATGTATATG	TATGTATGTG
167501	TATGTATGTA	TGTGTGTGTT	GTGTGTGTGT	GTGGGTGTGT	GTGTGTGTGT
167551	TAAAGTGTGA	TGTGTGTATA	TGTATATATG	TATGTGTATA	TGTGAGTATA
167601	TATGTGTATT	GTGTATGTTT	GTGTGTGTGA	TAAGTGTATA	TGTATATATA
167651	TGTGTGTGTT	ATGTGTGTGA	TATGTGTGTC	TTGTATATGT	GTGTGTATAT
167701	TATGTGTGTA	GTGTGTATAT	GTATGTGTGT	ATATGTATGT	GTATATGTGT
167751	GTGTGTCCAT	GTATATATGT	GTGTGTCTGA	TACTTTTACT	GTGTGGCAGA
167801	GGCTGGGCTT	CCTATTCATGA	TCTGCCCTGT	TCAGCCTCCT	CAGTGTCTGAG
167851	GTACAGCTG	TGTACTTGTA	ACCTGACTTC	TAAAGATGTT	TTATACTTCC
167901	TTTTTTT	TTCTTTCTGT	AAGGTGCAGA	GGAACAAACC	CAGGCTTTCG
167951	ACACGCTAGC	CAAAATCTCT	GCGACCGAGC	TGCACCTCCA	AGTCCAATTT
168001	TAAAGTGCCA	AAAAGACGGA	AAACAGTTTG	TCATGGCAGT	TCAAAACCCAG
168051	CGTGCAGAA	TAAAGTTTGA	CTGGAACATG	CAATGCTCTA	TTTGTGAACA
168101	TGCTGTCTCT	GGCTGCCCTC	ACACCACAGC	AGTGAGGTTA	AGCAGCTGCA
168151	ACAGAGCTCT	TGGGGCCACA	CAATTCCAAA	TGCTCCAGTG	AGAAAAGCCA
168201	GGAAGCCTGT	GACTCTCTGT	CTGGAGTCTC	AGTGCTGGGT	TAGAGCAGGT
168251	GCTCAGAGTT	AATGTTTTGG	GAGGAAAGCC	TAGAGGGACT	TTTCTGAGGT
168301	AAACAGTCTC	TGTGGAGCCC	GTCATTATCT	CTGCCACTCT	TTTGTGAACG
168351	GGTTTCGCCA	GAGGAGATT	GTCATACCAG	ACCCATTGAG	CCTTTCTCTT
168401	CTTTTCTCTT	GCTGTCAGAA	GAGGAGAGAG	AGCATTTGGT	AACGCTAACT
168451	GATAGTGCTT	TTGTGCTCTG	CTCACTCACA	CGAGGATCTG	GTTTCAAGGT
168501	GCACCCAGTT	TAGTCTCCAG	GTCTTGAAGT	ACTGGGCTGT	GAGGTACCAT
168551	TGGGGTTTAA	GTACTAACCA	CACAAAGAGT	TATGCAAGGT	CTGCCCCATG
168601	AAGCCTTGCT	TTTTTGTCTT	GTCCATCGGG	TACTTTTATAC	ATTCCCACCC

168651	AACCGTCCAT	CTTGGCTTTG	TTCTCATCTC	TTTGGGAAGGA	AACCATTAAT
168701	TACCAAATCT	CAAGAAGTCC	TAACAAGTGA	TCCTAAGCAA	AGTTGAGCAT
168751	CTCTTCTGCA	ACCCGAGCTG	GTCATTGTGC	GGGTTTTGCC	TTTTAATTTG
168801	AGGTGCACCT	AGGTTGGGTT	CTCTGCTTCC	TATGGACTGG	TTAACATGGA
168851	CAGTGCTGTG	GGCTCTAAAA	GGCATCAAAA	AGATAGACAT	AGAACTGAA
168901	TGGAGCGAGA	GCCTTTCTCC	TTCAAGAGGT	TGCTATGTGG	AAAGAGGCCCT
168951	GGGAATTGTG	GATTAGTGTG	TTTCCTTTCC	TTTTTTTTTT	TTTTTTTTATG
169001	GTGCTGGGGA	TTGAACCCAG	AGTCTCACAG	ATGCCATAGC	ACTGAGCCAC
169051	ATCTCTAGCC	CTGGTAGTGA	AATTTCCAAA	CAGCTTACAG	AGAGGGCTAC
169101	AAAGAAATTA	CAGTGAGACA	GGTGTACAGG	CTTCTACCTT	TAGCCCCATG
169151	TACTCCAGAG	CAAAGGCAGA	TAGAATCCCT	GACATTGTGT	GGCCAGGCTG
169201	GTCCTACATAG	CAAGTTCTAG	GTCAGGCAGA	GTGAGATAAT	GAGACTCTGT
169251	CTGGGAGAGA	AAACAAAACA	AGAGGCCAAG	GAAAACAAAG	CGCTAGTGAG
169301	TTCTTACACAC	AGTACACACA	CACACACACA	CACACACACA	CACACACACA
169351	CGCACACACA	CACACACATA	CACACACAGA	GTCTGTGTGT	CCCCAGGCTCC
169401	TGTTTACATGA	CTTTGCCGTG	TTTACGACAT	GACTTCTGTT	CTCATGGTGT
169451	TATGTTGCCT	CTGGAGTCTAT	TCTAGAAGAG	AGAGGAGACA	AGAGAGAAGA
169501	CAGCAGAAAG	GGGGAGTGAT	ACTCCCTGTA	CCCCAAGGAG	AGCAGCTGTT
169551	TAATCAAACC	CCAGTGCCCT	GGTCTTTTGG	GAATGGTAAC	CACACTTTCT
169601	AGTGCTTTTG	AAGGCCCTAG	CTTCCCGTGT	TGATGATCCA	GTTCCCCAGT
169651	CGAGCCGAGG	AGGGCTGTTT	TGGAAGAGAG	ACATTTTCTA	GCITTTTCTT
169701	TCTGATGTAA	CAACACCATG	TCITTTTACG	TGCAGTTACT	ACCTCCCTCC
169751	CTCCCTCCCT	CCCTCCCTCC	CTCCCTCCCT	CCCTCCCTTT	CTCCCTCCCT
169801	CTTCTCTTTT	CTCTCTCTTT	TCTCTCTCTT	TCCCATCTCT	TCTTTCTTCT
169851	TTCTCTCTCT	TCTCTCTCTT	TCTCACTCTT	CTTCTCTCTT	TCCAACACTC
169901	CTATTCTCTT	ATCTCCACTT	ATPCCCTTCA	CATTCTTTCT	CTTTTCCCTT
169951	ATCCTCCTCT	CATTTTCTCT	TCCCCCTCTT	TCITTTCCCT	TTTACCCTCT
170001	TACCCTTCTT	TCTTACCTCC	TCITTTCTTC	TCITTTCCCT	CCTTCCCTTC
170051	TTTCCCTTTT	TTCTCTTATC	TTATCTTACCC	TCCCTCCTTT	CCTTTTTTTT
170101	CCCTCCTTCC	CATCTCTCTT	CTCCCTTTTA	TGCTCCTCCC	TTTACCCTTT
170151	CCTTTTCTTC	CCTTTTCTCC	CTTTTCTCCT	CTTCTCTTTT	CCTTTTCTCC
170201	GCCCCCTTTC	CTTTCCTACC	TTTTCCCTCC	CCCTTCCCTT	CTTTTCTTCT
170251	CCCCCTCTCT	CCCTTTTCTT	TCCTTCCGGC	CTCTTCTATC	TTTTCCTCCC
170301	CTCTTTTTTT	TTTGGCAACCT	CTCTTTTCTT	TTTTTTTCATC	TACCTTCTCC
170351	TTTCTCTTTA	CCCTTCTCCT	TATCTTTTTC	CATCTGTGTC	TACCTTCTCC
170401	TATATCTTTT	ACCTTTTCTT	TTTTTATCTG	TCTTCCCCTC	TCTTCTCTCT
170451	TCTCCTCCCC	CTTCTTACCC	CCTCCCCTCT	TTCTTGCTGT	TCTCCTTCTT
170501	CCATTTTCTC	TCCCTTTTCT	TCTCGTTCTT	CCTCGCTGTT	ATTCTCTCTT
170551	ATTCTCTTCC	CTTCTTCTCT	CTTTTCCCTT	TCTGTCCCTT	CTTTGTCTTT
170601	GTTCCTCTCT	CCTCCCCTCT	CTCAXXXXXX	XXXXXXXXXX	XXXXXCTTTT
170651	CTGTTTCCCT	TTCCCTTTCT	CTTTATTCTC	AGTCTCTGTC	TCTCAAAAAA
170701	AAACAAACAA	AAATCAACCA	AAGAAACAAA	ATGAAACAAA	ATCCCCAAAC
170751	TCCAACAACA	ACAACAACAA	CAACAAGAAG	CACCTTCACT	TTCAGGTCCC
170801	AATATAATCT	TTTCTCAAAG	CCTTTTAATA	TTCTATTGAA	TTTGGAGTGG
170851	GTTTTCCCTC	CCTTGATCTT	CCCTAGATTT	TTGTAGTACT	ATTTTAAACCA
170901	TCTTTTGTCA	TAGTTACCTG	TAATCGTCTG	TAACCCCTCT	AATAACTCCT
170951	CACCATCGGT	TGCCAGGCCC	TCTGCGGAAG	TCACAGCCGT	CACAGAACCG
171001	TGTATGGGAA	CTTAAACTTG	AGAAGTTTTT	ATGACTCACA	GTCTGAGGGA
171051	GGGAACATGG	TCACAAATGG	CGGGAAAGGC	AAGCCACAGA	AATGGCTCAC
171101	GGCAGTAGTA	TCAGAGAGTC	TCATGGGGCT	TAGATTGACC	ACCAGTAGTC
171151	AGTAAGTAGA	AGACACTGGT	CCAGACTGGT	CGCAAAAAGG	TTCATGATAC
171201	AACCCCCAGA	ACTTCACTTC	CTCTAGTGAA	ATTCCACCTA	AATAAAGGTC
171251	TTACAATTTT	CCCAAATGCC	AACATAACT	GGGAACACCA	TGATCAGACA
171301	CATGAGTCAG	TAGGGAGATT	TTTTTACATG	GACTCTGTAG	GGCTAGGGTG
171351	AGGGCTGAAG	TTAAGGACTC	TGGCTTAGAG	TGTGAGGGCA	GCATCACCCC
171401	CAATTCCCCT	CTTTGTGAGC	CGCCCCACAT	CTACTGGATT	GCTTTCAGATC
171451	TAGGGTGGCA	TGGAGACTTC	TGTTTGTGTC	CCCACCTTAA	CAGAGAAAAG
171501	ACAAGCAAA	TGTGGGTTCT	AGGCTGCTGC	TCTTGGGCTT	GGCACTGTATC
171551	GACAGGCTCT	GGAAACTGCA	GGTTCTGTAT	CCCAGGCTGT	GAGCGCTTATC
171601	CTCAAGTTCC	GCAGTGCTCT	TTGTAGAGGT	TCCTTGCGAA	GAGTGCTTGC
171651	AACCACAGAG	CCATCTCCCT	CACCTCCACT	CCCTGTTTCT	TCTTTGACTC
171701	TTCTGGCTAG	TCTTCTGGGA	ATTGGGTTTC	ATAGAGCAGT	GCTCACCAGG

171751	TCTCTCCACC	CTCGCCTGCT	CCCCCGGGCT	TTCTGTTGCC	TCCTTTTGCTA
171801	GTGGAAACAG	CTCTCTAAGT	AAGCGCACCT	TTCTGACCTG	TGGTGACCTT
171851	CCAAGGGGGC	ACAGCCGCCT	GCTTTTTAGT	ACCATCTGCT	CTGCAGACTG
171901	TTGAGAGCAG	CGGTCTCAT	TCCATTACAC	AGAGCCCACC	TTTTGTGACA
171951	GTCACGCTCT	GATCCATTTC	ACAAGTGGCT	TAAGTCATTT	ATGTCGTTTT
172001	TTTPTTACTC	ACTCAGGGAT	CGAGAGGGTA	GACCTCTTTC	TTCATCATCC
172051	TGAACCCGAT	TTCACACCTC	AGACTGACTC	TCAGAACCAG	CCAAATACAG
172101	GACTTGGCTC	TCAGATGGCT	GTCTGTATGC	TGTGATCTTG	AGGGTGGGAG
172151	AGACAGGGTC	TAGCCAAAAG	TGGGGATTAC	CTTCAAAAAG	GGCCAGAAGG
172201	CTGTTTCTCA	TTTGTTCATT	AAAGAAAAAC	GGTGCCAAAT	AGGTTCCTCT
172251	TTTACAAATG	CTTCTTGTA	AGATCATTTG	AATAAACTTG	CGGCTGTAAT
172301	AGAAGTAGTT	GCTCTAGGCT	CCAGTTTGTG	CTGATTTCTG	TTGGTTCTGC
172351	AGGTCTGTGT	GGGCCACACA	GGGGTTTCGG	GGAGCGGTAA	CTATCCACGG
172401	CAGGGTGTCT	TGATGCTGGT	GGTGCTTTGT	TGTTTTTAGA	GTTGCTTTTA
172451	TTTCCAGTAT	ATGAGTGTTC	TCCCTGACGT	TATGTATGCG	CACCACGTGT
172501	TTTGCCCGTG	CCCGAGGAAT	TTAGAAGAGG	GTTCTACATC	TCCTGGACCT
172551	GGAGTGAGGG	ACGGTTATGG	GCCACCATCT	GAGTGTCTGG	AACAGAGCCC
172601	AGGTCCCCCT	AGAGAGCAAC	AAGTCTTTGC	AACCACGTAG	CTATCTCTCC
172651	GCGCCCCCTG	TGTGTTACTCT	TAAGTGATTA	AGACAGGAAG	CAGTAATGCA
172701	GAGTTTCCAG	TACTCTGCTC	AGCTTCCCAA	GGGTAAACAC	ATCAGTGTACC
172751	ACGGTGCATT	GTTTCACTAAG	CTGGAAACTG	ATTPTGGTGA	GCTGTGCCAAG
172801	AGATGTCACT	AGGATCCAGT	GTACGTATAT	GTGTGTGTGT	GTGCATCTCT
172851	GTGTGTCACT	CTGTGCACCT	TCATCTTTCA	AGTCCCTTTG	ATTGTGAACA
172901	TGGTCGTTTT	TCATGAAATT	AGTTTGAATT	GCTCATGTGA	ATAAGGAGAC
172951	CACACTGGAA	GTGACGTCAC	TGGAAGGGAA	GTCTTGCTTT	AACGTTTTTT
173001	TTTTTTTTTT	TTTTTTTTTT	TTTTAGTGAA	GGTPTCTTGA	TCCATGAAGTA
173051	GAGAGTCAGG	TTCTAATTCC	ATTTCTCTAG	CCATCCAGCT	GTGCTGTTTT
173101	GATCACATCA	CAAACATGCT	CAGAGCATCC	CTCCCTCATC	TCTGAATGGA
173151	GGCGCTAAGC	CAAGCAAGAC	TCCTGATTC	CCTTTTCCCT	TCCCTAAATC
173201	CCTCATAGCT	GCTGCTTTTC	AGCAGAGCAT	CCCGCTGGCAG	TCCATGAATT
173251	GTGTGCGCCC	CAAACTCAGT	ATGGACACAT	GCGCTCTTCT	TCAATTGCTA
173301	CACCTGTCTC	CAGTAGCAGT	GCTTGTCTGC	CCAGGGAGCC	CTCTCTGTCC
173351	TCAGTGGCAG	TCTCCACTGT	CCCGGGGAGC	CTTCTCTGTC	CTCAGTGGCA
173401	GTGCCCCACT	CCCCAGGGAG	CCCTCTCTGT	CCTAAGTGGC	GTGCTATGCT
173451	CCCCAGGGAT	CCTTCTGAAG	TCTGCCCCGT	CTCATTACTC	ATCTGGGTTC
173501	GTGGAATAGG	TTGCATATGT	GCTTTCTACC	AACAATTGTC	TACATAGCAA
173551	GCAGAAATTA	CAAAGCAGAT	CCACTTCGGT	GGCCCTTCGT	GACACTGGAG
173601	GAACAGTTTC	CCCCAGCTCC	TGCTGCTAAT	CTGAGTGTCA	GCTATCAGTT
173651	TCCCTTCCCT	TGCTTGCCCA	CCAGCCACGT	AGGCTCCGTG	CTGTTCCAGT
173701	TGCCGAGTCT	GTGCTTCCCT	GTGGTCTTGC	CTACCTGCTT	GCTCACACTA
173751	TCTCATGTTT	TCTCTTGCTA	ATTAGCCCCA	TCTTGTAATC	TGCTGCCACA
173801	CCTCTCCAGT	GAGGCTACTG	TATCAGCTCC	CTCCCCAAG	TCACTTTCCC
173851	TTATGCCACC	TCAGGCTGCT	GCTGCTGCCA	CAGCGGTAA	TACCATATGA
173901	CTTGGCTATC	CTTGGCTGTG	ACTAGACTGG	CGAGCTAAC	CTCCCCAGAC
173951	TGCAGGCTCC	CCAGAAAGGT	TGCGCTCAGC	TGCTTGGTTC	ATCTGTCATT
174001	AGGATAATTC	CCTGGCCAAA	GAAGCCATCA	ATAATTGTTG	AAGCTGTGCA
174051	GTAATGGAGC	AGATAGTCAT	AATAGTTCTT	GAAATTTGAA	AAGTAATTAA
174101	ATTAAATAAT	TTTTATGGTA	AATGATTAA	TTTTTGGTAT	GTTTTGGATT
174151	CTTCTGGGAA	CATTCTTAAC	AGATTCTTAT	ATAGATTTCT	TTTATGTGTG
174201	TGTATTGACA	AAGGGTCTTT	TCTGAGGCAG	AACCTTTTGA	GGTGATGCAG
174251	ATAAGGTTTC	TGTGCCCTGA	TAAGAACCAG	GGGCTTGAA	CATGCTAGGC
174301	AAACACATAC	CATCACCAGG	GCAGCTAACA	CACCATACGT	AGCCGCATCC
174351	GAGCTTCAGC	TAACACACCA	TACTGAGCCA	CATCCCGAGC	ACGCTGTGTC
174401	TTTTGCTTTA	GAAAATCAG	GTTTGTGACT	TCTTGCCCTT	TCGGAAGCGC
174451	AGGAAATCCA	GGATCATGTG	GTTTGTGACT	GAGCCAGATG	TGCTTTTGTCT
174501	GTACGCTTGA	ATGCTTCTCT	TTCCTTTTGA	ATTTAAGATG	TCAATAAGGG
174551	CTCAGGCTGG	GAGCTGCTGA	TCTCTCTGTA	TAAACCGGAA	GACGAGGTTT
174601	ACGTCTTGTG	CTCTCTCTTT	AAATCTTGTG	TTAATTCCCA	TTTATTGATT
174651	GTCAGAACCA	CACAGTGAAG	CTGCCACTGT	AAACAGGCTC	CCAGACCTCA
174701	GCACAGCTGA	CTCTATGATA	GAAGTACCAT	TTAGGCTCTG	AAACTCAGTG
174751	CATAGAAGAC	AGCACCATCA	GCCAAAGTGA	AAACAAAGAC	CTAATCCATC
174801	AAAGTCCACA	GTTCTGGGAA	AGTCTCTAAA	TGCACATAAC	TGCTTTTTTG



174851	GCTCCTGTAG	TTCCTCTTCT	GGCTAACTGT	TATTGTTAAC	TGAAGTATGT
174901	CAACCTAGCA	TATGTTTTTT	GTGCTTATAA	TCCTGGCCCTG	AGAAAGGCTT
174951	GGGGCTTTGT	GGGATCCCAA	ACACCCAATG	TAGTCGCCAG	CCGGCTAATA
175001	AAGACTTCCT	ATTGGCTCAA	ATCCATGTCT	GAGTCGTCTT	TCGTTGGTAT
175051	GCCCTGCAGT	ATCCCTTGCT	TGCTGCCTGT	TTTGGAAAGT	TGATGGGAGA
175101	TGGAATATGA	ATCCCTGCGT	CCAGCGTGGT	TTTATGGGGA	GGAAATACTT
175151	CACATTTTCAT	TAACCATCCT	CATCAAAGGG	TAATTTTCTT	TTCTCTCAAT
175201	TCGGGAAGAT	TTATTTATTT	ACCCTTTAA	AAATGCAATA	GAAAGCAACC
175251	TCCGCGGCC	CAAGTGTTGA	CATTCTGGCT	TCCTTTTGTTA	TGTTTGTTTT
175301	GTTATTTGCTG	CTAATGAAAT	AATTTTCAAT	CAAGCACAAG	TGCACTTTAC
175351	AAAATTTATA	AGTGGCATTT	TCTTTTAAAA	GCATCGTACT	ATTTTTTCAT
175401	TTGTTATGCT	ATTAGCTTCT	AGGGTGTTTT	CTTGAGTTCT	TTCTCTTTGT
175451	TGATTTTTTAA	AGAGTCATGT	GTCAATCTGA	GTGTGAGTCC	AGTTATGAAA
175501	TGGGAGTGAC	AGAAAGAAATG	AGATACACTT	CAAGATCCCT	TCCTGGCCTC
175551	TTGATCTTGC	TTTCTTGTTC	ATGTTCTTTT	TCACACCCAG	GGGTGGACTC
175601	TGACCTGCCA	ACCTCTTGCC	TTCATCTCCC	AATTCGTGGC	ATATACTACC
175651	ATATATGCCC	CAGCTCAAAA	TAGTAATTTT	CGTGAATTTT	TGTTTGTFTG
175701	TTTTGAGACA	AGATCTCATG	TAGCTCAAA	TCCCCATATA	GGATGACTGT
175751	AAATTCCTGA	TCCACCTGTC	TTTGATCCCA	AGTGCTGCGA	TTATAAGTGT
175801	GCACGTGCCC	TAGCTTAAAA	TCATCCATTC	CCTTCTCTCAG	GTCCAACCTT
175851	ATCAATTATA	TGGTTTGTG	GAGAGATAAA	TCATCGTTACT	AGAAGGTGAC
175901	TTGGGAGAAG	GGCAAAGGAT	GAAAGGCGTG	TTTTCGCCAA	AGCTTCTCAT
175951	TGGCAGAGCT	GAAAAATGGCT	GCTGTGGCCG	TGTTGTGTGTG	TGTTGTGTGTG
176001	TGTTGTGTGTG	TGTTGTGTGTG	TGTTGTGTGTG	AAACCAACAG	GTAAGAGAGG
176051	CTCACCTTTT	AAGGGCCTTT	TGGCTCCAAG	ATAGAGCTGC	TGTTTATACA
176101	CCAAAGGATG	CTGTAAGGA	AAGGACCGTT	TGCAATCAAG	TGTTTTCCTA
176151	TTCTTTGAGC	ATCTGAGGAT	AAATTTAGAA	CTCCCCACTG	TTAAATGCAA
176201	TCAATTAATTA	GGAGTTAGAA	TAATTTATAAG	TATGATGTGA	TGTCACATTT
176251	CATTTCCTGTG	TTAGGTCCTTA	CCTGTGCCTT	TTAAGTAGTA	TATGAAATTA
176301	TTTTCTTGCT	TGTGGATGGA	CTGAGAAAGA	GTGTACATAT	AGTTTGGCCA
176351	TGCGCTGAAT	TTTATGACAC	GTCCAATTCA	CATGAGTGT	TGATTTTTCG
176401	CTTGGGTACA	TTTCAGGTGA	CTTTTGTGTA	CCTGAAATCC	TGTCAGAATG
176451	ATTGACTCAG	AGAACTCCTG	GGTCACGTAA	CCAGAGTGTT	TCATGTCCTG
176501	TGAGTTAAAT	CTGTGTGGAA	CCATCACTGG	ATAATTAGACC	TGACTGAATC
176551	TGCCATTTTT	ATGAATGATC	AGGAGGAGGC	ACTTTTCGCG	ATTACAGCCA
176601	GTAGCAATGT	GGCAATGGTA	ATATTTCTCG	TCCTCTGTCT	TGTTTTCAGTA
176651	TACTGGGCAG	CACCTTGTCC	CCCAATTTGG	TTATTTAAAGC	CACATTTAAA
176701	TATAGCTCCT	ATGTCACAGA	TTAGAAATTC	AGGAGAAGTT	AGCACACGTC
176751	ACTGTGTATT	AGTTGAAGCA	ACAGGCCTGA	AAGATGCACT	TCTAAGATGG
176801	CTTCTTTCTC	AGTGCCTGCA	ATAGCTGACA	GCTGGGGTCC	TCCTGGCTGG
176851	GGCCTTGCCCT	GGGTCTCTAT	CAATGCTACA	CTTCTCTACA	CGCTGGAAAC
176901	TGACTTCCTC	AGAAGTTGAG	GGAGAAATTT	CAGGGTCCCA	GGTTTCTTTG
176951	AAAGTACTAC	CAGGCATAGT	GTGCAAGCAT	CACCTCTGTA	CAACCTCAG
177001	AACACGAGTC	CTCTGGCATG	TTATGGTCAA	GGATGTCACT	AAGATCAGCC
177051	AAGGTTTCAGG	GCCAAGTGAG	GGCAGAGATG	GAGGTATCTC	CATCTTTCAA
177101	AGGAGAACAA	AGAAAGGATT	TCAGGCCACC	ATCAACCCCA	TCAGAAAGAT
177151	ATTTACCAG	TAACAATTTA	TAAGTACCCC	CACCCCTGCT	CCTGAAGCAC
177201	AGCAGGCTAA	TGGTGTGGTG	ATCCAGTGCG	CAGTCTGTGT	ACCAAGACCC
177251	TTCCAAGTGC	TGGAGTGCTC	ACTCACACAA	AAATTAATCTG	CTGCAGCACA
177301	TCCTTGTCAAC	ATGATGAAGA	GCCTGACTAA	TGTCACATGA	TCTAGAAAGC
177351	TGTCAGTCTT	CTCTGAGTCC	TGGTATCCAA	TAGTTTGTCA	TGAGAGAAC
177401	AACCATATAT	CCTCCAGCTG	GAAGGGGCAC	TAAGAGATCA	CACCGTCACA
177451	ATGATCACCT	TCCAGAAAGA	TTTATTGAGT	ATCTTTTAGG	TGCCAGACCC
177501	CGTGTACACA	GAGAAGAACG	TGCCAGACTC	TCGCCCTTGA	GACAGGGTTG
177551	CAGAAAATAGA	GGAAATGTAT	AAGAGATGAC	TAGGAGGCCA	GGGGATTTCA
177601	GCTGACGGGC	AAACGCCAGA	GTAGGGGGTG	TTCAATGGAATG	CCGGATCTAC
177651	ACAATCATGA	ATGACAGCAG	GGAGAGGCAG	TTAGCAGGTG	GTTGTTTATC
177701	TCATTGAAAA	TAAATTCCAA	AGGGCTAGTC	ATTGCCTACA	AGTTCCTCTG
177751	AAATATGATT	CCTTGACTCC	CCTCTAATCC	CGTTGCTTCC	TGACTTAAAT
177801	CCGGTGTTCG	TATAACAAAA	TACTTTAGGT	CAGATACTTT	ATAAAGCCAG
177851	AAGGGCTGCG	TTAGCTTTATG	GTTCTGTAGG	CATAGCCGGA	CCGCTACTGG
177901	ACCTTATCAG	CTTTGATGAG	GGCCCCATGA	CTTATGTCTAG	GAGTGCATGC

177951	GACAGATTGG	GATTCACCTT	CTAAAAAGAG	TTACTGAGGG	ATTTCTTGTA
178001	ACAACGCATC	CTTGTGAGAA	CTCTTCCGGT	CTTATAAGAC	TTGTGTCATT
178051	CTTTTCAAGG	GCTCTTCTCC	CAGGGCCCTT	CTGCCATACC	ATAGCCCTTG
178101	ATTTTAGAGA	TFTCCACACT	CAGTAGTTTC	TCACTGGAGA	CCAGGTTTCT
178151	GGTACACTAA	CATGGCGGGG	GTTGAGGCAG	GTCAATAACC	AGTCGCAGCC
178201	AAGTGTCTCA	GGCCTGATGG	CCTTAGTCCA	AGGCTTGTGG	TGGATGGAAA
178251	GAGTCGACTC	CACAAGTTGT	TCCTTTCTCT	CGCATGACA	TGCTCAGACC
178301	CTCAAACAAA	CGAAGTAAAT	AAATAAAATGA	ATACTTAATA	TTTTAAAGTA
178351	TTGGTTAAC	GTGTGGCAGA	ACCTTAAAAAT	GGTAGAAAGT	AAAAACATAA
178401	ACCGGATAGT	TTGCCAACAG	TGGCTTATTT	ATCACCATTCT	TAGAAGCCAG
178451	GAGTFCCTTC	TATACCAGAC	TGGACATCTG	GTGCAGGCCA	TGCCCTGTTC
178501	ATAGTGGGCA	CTTACTGGCC	TGTGGAGACT	CTTGCATGTC	TACGCATGTT
178551	ACACATACAC	AAACACACAC	ACACACCACC	ACCACCAACA	ATAACAACAG
178601	CAAAATAATA	TATAATACAA	ATCTTTAAAA	GAAAGGTACA	CACAGAGGGC
178651	CAAGAGTCAG	AGGAGCAAGG	TTGTTGTCTG	GGTGATCACA	TAATGTCTGAC
178701	ACACAGTAGG	GGGAAGCTGG	AAGTGTGCAG	TTTCACCATG	TGTTCTCAGGA
178751	CTAGCTTCTT	TGATTCCATG	CTTGTCTCTG	TATTCCTGCT	CTCATATAGC
178801	AGCCAGCGGG	ACCTTTAAGA	AAACCCGCCA	CGGAGGACTA	CGATAGTGAG
178851	TATGGACCAT	CGTGTGTCT	GTGGGCCGTG	CTGCCAGTAC	GGGCAATGTC
178901	TGGGTCTATG	ATCCTGCTAT	AGCCAGGAGC	TGTTGATGGT	TCTATGGGCC
178951	GTGTTAATTC	TGAAGGCCAT	TGGATGCCAT	ATGGTCGGTG	TGCCCTCTCG
179001	CAGCCATGTT	GTTATCCACA	GGCCATGCTG	CTACTGGACG	TTGTGATCAT
179051	GTCTGTGGTC	TGCACATCCA	CGTGGAAAGT	CACGATCTGT	GTTCCTCCCTG
179101	ATTGTAAAGG	GCACAGGTAA	CCAATGACTG	GAAATTCACA	TTGTGAAAGG
179151	ACTGACATAG	AAGGCTTCTA	GGACAGCTCC	CCTCCCCGAC	TAACAGCCTA
179201	AACAGTAGGA	CATGAAGAGA	ACTTCTCAAT	GTGAGATAAG	GATGCTGAAG
179251	TGTAGCTTTT	AAGAATTGAT	GGCTTCTGGT	GGGGGTGCCG	GTAGAAAGAA
179301	ACTTAGATAT	TTTTAAGGGG	CTAGCTACTG	GAAGTTTGAC	CATGCTCCAT
179351	ACTCCAGAGA	GCATATGGCA	ATACAAAGTT	GACTTGTGTT	TATTATTATTA
179401	TTTACTTACT	GATTACTTTT	GTTTGTTTGT	TTGTTTGTGT	TGTGGGGAGG
179451	GTACACAAGA	GAGAGTTGGA	CCTGGGAAGA	CTGGGAAGTG	TGTGATGATT
179501	GGGTTACATA	TGTGAAATTC	CCCAATAATC	AACAGAAAGTA	TTATGTATAT
179551	AAAACCACGT	AGGTCGGGCT	GTAATATCTT	CCTGTCCAAA	ATACAACAAC
179601	GGGTTTGTGC	TGTGTTTGCA	ATAAACACAG	GCTCTCCATT	ATGTTTAGCAT
179651	CCACACTGCC	TCCAGCGTCT	CCTTCTACTC	TTTCTCCCTC	CTGTGATGGA
179701	GCCACCTTCT	TCTCCTTTCT	GTTCCTGGAG	CTTGCCAGGT	TGACCTCACC
179751	AGCCTCCCTG	CATCTCCAGG	CCCTTGCAC	GCAGTTCGCT	CCCTGGACCA
179801	CTCTGGACCT	GCAACTCTGT	GCAGCTGCCT	CTTCTCCAG	GCCTCGGGCC
179851	AGATAACCAC	AGCAGGATGA	CTGTCTCCGC	CTCATCCAC	CACCCATCTA
179901	CTTCTGTGGA	GTTACTGACG	GTTGGGAGGT	ACCTTGTAGG	TGCTGGAGGC
179951	AGAACCACAG	TCCCTCTGAG	GACTAGCCAG	TGTTGTGTAA	TGCGCATGTC
180001	GCCTCTCCAG	CCCCTCTGTT	TCTTATCAAC	GAAGCCCTCA	GTTTCTCTCT
180051	ACGTAAGGCA	TTGGCCGTAC	ACGGTCAGAC	TGTTTACCAG	AGGATACATT
180101	AGGTGCCGTT	AAAAAAGAAC	AGCTGGAACC	TGGTGTGCTC	TCCATGGTAA
180151	CTTTGTCAAG	ATGTCACATT	TTGCTACCCA	GTCTCCCTTG	ATTATATCCA
180201	CTTTATTGTC	CCTCATTTGT	AAGTGAAAGT	TCTGCTTTTT	GAAAGTCCTT
180251	TTCAATCTGC	CTGTACCACC	AGCATATTGT	CATATCCAGC	GCACCTTGAA
180301	AACCTTGTAG	AATCAGGAAC	TGAAACTCAG	CGGTACACAT	GGATAGGCCA
180351	GAGACCCGTG	AAGGCTGAGG	CTGGGAAAGC	TGGCTGGACT	GTATGAGAGG
180401	GTTGACTTGA	GTGCACTGGG	TTTGGGATTT	TAAAGTGAGT	TTCTGTCCCA
180451	GGACACTGAA	AGAATTTGGG	GTAATTTACT	GTTAATTTCT	CTTATGAGAT
180501	TTTGAATGTT	AGCAACACAG	ATTATGTGGA	CAGACAAGTT	CAAGTCTGGC
180551	TTTTTGAGAG	TGAAGAATAT	GAGTTTTTAA	TTTAGGTGGC	TATCCCAAC
180601	ATTTGGGAGG	GTGAGGCAGG	AGGATTGCAA	GCTATGTAGT	GACCTATTTT
180651	TTGTTGTTGT	TGTTCACTAA	AATGAAGCCA	AACCAATAGT	CCTGCAATTT
180701	GATTTTCTCT	TGTAATGTAG	TTAGAGTGTG	TTTATAAAC	AGTTGTTTGT
180751	GGCCAGAAGT	GGGGCCAGAC	TGTAATACCA	GCATATGCAA	AGATGGGAGG
180801	GTTGCTGTGA	GCCTGATCAA	TGGAGTGAGC	CTGTATCAAA	AAAAAAGGAA
180851	AAAAAAGGAA	AGGAGGGTGA	GAGAAGGGTG	AGGGGAAGGA	GGAGGAAGAG
180901	GAATAGGAGG	AGGAAGAGGA	GAAAGAGAGA	AGGAAGAGAA	GAAGGAAGAG
180951	AGGAGGAGGA	GGAGGAGGAG	GAGGAGGAGG	AGGAAGAGAA	GGAGGAAGAA
181001	GAAGAGGAGG	AAGAAGAGAA	AGAGGAGGAG	GAGCAGCTTA	AGATAACTAA

181051	ATGTTGTTTA	GGGGAAAGTG	TGACACCCCA	AGAGAAAGGA	GC'TCTGGAGA
181101	ATTCAATTGG	AAATGTTCCA	GTCATCACTG	ATTTTTTTGT	AGCAGAAATCA
181151	GGATGAACTC	CAGGCTTCTA	CAAAGCATCA	GTTGCTCGTA	ACCAC'TGAGC
181201	CAGCTCTCTA	ACCCATTGCT	TATTTACCTG	TCGTTGCTGT	GT'TT'TGTTGT
181251	GTGTTTGAGA	CAGGAGCTCA	CTTTATATCC	CTGGCAGGCC	C'GAAAC'TCTG
181301	GGACTTTTAT	GCAGATCAAG	TTCTGAGGAA	GTCTAGAACT	TTGGACTTTT
181351	TGTGTGGACC	ATCCATTGAG	TCAGTGGCTC	AAACACACAG	AGCTCTGTCT
181401	GCCACCCACG	AGTCTTAACT	GAAGTCGAGA	ATGTTGCCGT	GTCCAGTTT
181451	ATTAACCTTA	AAATGAGAAA	ATGGGGCGGG	AGCCATATAT	GC'TT'TGCTG
181501	CCTACGTCAA	TTCCTCACAC	TGTGTGTGTG	TATGTGTGTT	CCTTGC'TTCA
181551	GCCTTTTACC	TTTCTAGCTT	ATCAGCAAAG	ATGAGCAAT	TGGT'TTATT
181601	TTCAGCTATC	TGAAAATGTC	ATGATCATAA	CAGTTA'TTAT	CTGTCATGAG
181651	AGCAACTTCG	CGAGAATGTT	GCTAAACAAA	CACAAA'TGTT	ATCAGTTGTC
181701	AGCAGACATT	TGTTGCAGAG	GAGACCATAT	GTGACAAGAT	GTGTGGGGGG
181751	AAAAAGTAAA	AGGATCAGCC	GTTATCACAT	AAGAGCGCAG	AATCGAGTGA
181801	AGTTTAGTCT	TAGGAATTCT	TGTTATCAAA	GAACCTTTAT	TCGGACTAGC
181851	CAGCACCTCA	AGATGCAGGC	AA'TGGAAGCT	CAGGAAA'ACT	AACACACACA
181901	GAGATCTTCT	GACTTTGCCT	GTGGGAGCTG	TGTC'CGAGTA	ATGGATTCTT
181951	GCAGCCCTGT	GGGCATT'TCT	TGGATCCCTC	ATT'TGCT'PTG	GTCTATGGTA
182001	AAGAGGTAAT	TTCACTAAGA	GACAACTGTC	TACATTAGCT	CATT'AAAAGG
182051	TCTGTTTACC	ATCAAGAGCC	TGGATTGCA	AATGAAATCA	ACACACACAC
182101	ACACCAGTTG	ATTTTATATG	CTTGACTAGC	TCAATGGCTG	GACACTTCTA
182151	AACTTCTGCC	CTTCAGTATT	CCTGGCTTAA	CACCTTCCGT	GCTCAAATGT
182201	TTTATCTTTG	CTGTCTCTTT	ACCTTCTCGA	CCCCCCCCC	CCACACACAC
182251	ACATACACCA	CACACACATA	GTTCTGCTTT	CCCTTTCTAC	CTACATTGTT
182301	GGATGGTTTC	TTGGTTTCTC	TTCTGCAGCT	TTCTCAGTCT	CTCCCTTGC
182351	CTCTGAGTCA	TGACGATTCT	CCTCCTCCTC	CTCTCTCCCG	TGGTCCCTTG
182401	GTCCCTTGCC	AGATCAGTCT	AAAAGTTCTG	TCTCTGTCTC	CCTGACTAGC
182451	CATGGGATGT	ATGGCAATTC	TTTAGTATCA	ATTGAAGCCA	GCCTGGGGCA
182501	GGTCTGGAAG	GGCAGCTTAA	AGACACAGTA	TTAGAATAAA	TTCCCAAGCT
182551	AGCACACTCA	GCACAGCACA	ATGCAGCATT	GGGAATCAA	ATCCAGGCGT
182601	TCATGTCATG	TATGCACGGA	TCCTATCAGC	TGAGCGGCGT	CCTCGGTTCT
182651	AGCCGTGAAT	CTTGCTTTTC	TGTTTCCGTG	GTTT'TATCTT	TGCAGAACGC
182701	AGCATCATTT	GGATCATGTG	GTAGGCAGCC	CTTTAGATGC	CTCTT'TCCAT
182751	GTAGCAATGT	TCATTTACTG	TGCTCTCCTT	CCTCTTTTCA	TGAGCGACTA
182801	GATTC'TTTG	GGTCTGAGT	AATATCCGT	TCTCTGGCTA	GGCTGTGTTT
182851	ACTTATCCAT	GGACTTATGG	AGGGATATCT	TGGT'TGTTTT	CAGATTTTCA
182901	CAGTTT'TAAA	TAGAGCTTCT	GTAA'GCACTC	ATGGCATGCT	TTCTTGCGTG
182951	ATATACAAC'T	TCAGTATAGT	AAGTGGATGA	ATACCAAGAA	GTGCTCGTGG
183001	TGGCGCACAC	CTTTAA'TCCC	AGTACTCAGG	AGGCGCAGAG	CAGGCGTATT
183051	TCTGAGTTCA	AGGCCAGCCT	GGTCTACAAA	GTGAGTTCCA	GGACAGCCAG
183101	GGCTATACAG	AGAAACCTTG	TCTCAAAACA	AAAAAAGTTT	CATTTTGTAA
183151	GGAACTGTCA	CAC'TGCTTCT	TAAAGTGGCT	TTGCAGATTT	GC'GTTCCCAT
183201	CTCGACGTGA	TAAGGGCTCT	CGTTGCTCTG	AGT'TCTTCCG	AGAA'GTTGGC
183251	GT'TGTCAGGA	TTTGGGTTTG	GCCAGTGTGA	TAGGTACAGA	GTGGGATCTC
183301	AC'TGTGATTT	AA'TCTGCAGC	TCCCTCGTGA	TTTAAAAATG	TG'TGCACATT
183351	TCACCTGCCC	ACCTGCCATC	TGTGTATTTT	CTTTAATGAT	CTCTCTCTCT
183401	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT
183451	CTCTCTCTCT	CTCTCTATCA	CTCATCAACA	GAGACACAAA	AAAGAGGCAC
183501	AA'CAAAAGAA	ACAGAAAAGA	AATACGCAGA	ACAGCGCAAC	GAAACAAAAG
183551	ACAAGCACAA	AGAACACACA	ACGAAACGAG	AGAACGAAGA	AAGAAGAAAG
183601	AAAAAAAGAA	AAGAAAAAGA	AGAAGAAGAG	AGAGAGAAGA	AAAGACAAC
183651	AGAAGAAAAA	AAAACGAACA	CCAGAGGACG	AAAAGAAAAA	AAGGAACGAA
183701	AAATGCCAAA	CAAAAAGGAG	AACGAGACAA	GAGACAGAAG	AACACACAAC
183751	GACAAAAAAA	AACAAACAAA	AAAAAAAATA	AAAAAAGAGA	ACAAAGAACAA
183801	GCAACGCAAG	CCCCAACTAA	AAAAAAAATA	AAAAACAAA	ATTACAAGAA
183851	AGAAAAACGA	AACAACAAAA	GXXXXXXX	XXXXXXX	XGCGAGATTA
183901	ATCTGCAGCT	CCC'TCGTAT	ATAAAAAGCT	TGTCACATTT	CACCTGCCCA
183951	CCTGCCATCT	GTGTATATTC	TATAATGATC	TCTCTCTCTC	TCTCTCTCTC
184001	TCTCGGGGTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCCCCC	TCCCTCCCCC
184051	CCTCCCTCCC	TCCCTCTCTC	CCTCCCTCCC	TCCCTCCCCC	ACTCTCTCAC
184101	TACCTCCTTT	CCCCCTCCC	TCTCTTCTC	CCCCACCCC	CCATCATTTG

184151	TGAGTCTCTT	GTATACTTTG	AATAACAGTC	TTTGGTCAGG	TATGTCTTTT
184201	ACAAATATTT	CCTTTATCCT	CTGGCTTCTC	TCCTGTCTCT	TTGAAATTTT
184251	TACTGCAGAG	GAGAGTTTTT	TTTTATGGGT	CCCCGTCAGA	TGTACCCCCA
184301	AATCATCAC	ATACCTACGG	CCACCTAGAT	TATCTCTCCT	TTTATGTATC
184351	ATTTCTCAGC	AGACGAGGAA	CTGAATCTAG	GGCCTCACAC	GCACCTAGTC
184401	AGTGCCCTCAC	CACCTGAGAGA	CGTCTAGCT	TTCTTCCATA	CTCTCTCAAC
184451	CTCCCTCCTC	CCACATTTTG	ACAGGTCTTG	CTGTGCATCC	CAGGCTGACC
184501	TCTAACCTGTC	AGTCTCTCCT	CCTCTGTCTT	CCAAGTCTGG	GATCACAGGC
184551	ATGCATCGCC	TTACTCGGAC	AGAGTCTTAT	AGTTTCTCTG	TTTACACCGA
184601	GATTTGTAACT	GGCGGTGTCT	AGATTCTGTT	TGTTCTTTAG	CATGTCCAGT
184651	TCTTCCAGTA	CCATTGGTTG	AGAGGCGCAT	GGATGGGCGA	GAAGAGGTCG
184701	CTGGATGCCC	TGTGGCTGGA	GTTCCAGGTG	GTTTTTACCC	TATGTGGGTT
184751	CTGGGAACCTA	GGTTCTGTGC	AGGAGCCGCC	AGAGCTTATG	AGCCACCTCC
184801	CCAGCATCCC	TTTCTGGTTG	TTGTTTGGTT	CTTTTAGGCA	AGACCTTAGTC
184851	GCGTGGCCCG	AGTTGGTCTG	ACTCATGTTT	TTCTGCCTCT	AGCCTTAGTG
184901	CCAAGTTACA	CACGTGCAGC	AGCATGGCAG	GTCATCGCTC	TCGCTTTGAG
184951	ACAAGGTGCT	GCCATTGCGT	CGGGCTTGGC	TAGGCTGGAT	CTCACCATGT
185001	AGAAAGTATG	GGCCTCAGAC	TCAGAGAGAT	TCGATTGCTT	CTGTGCCAGG
185051	TGCTGGGATG	CAAAAGGTGTT	CACCCCGCCA	CTACATCTGG	CTCAGTPATA
185101	CTGTTTAAACC	AAAGTCTTAC	TTTATTTTAT	GTGTATGGAT	GCTTTTGCTA
185151	CTATTCTATC	TGTGTACTTA	ACACAGAGGC	GAGTAGGGGT	GTGTGCAGAG
185201	TCCCTGGAAG	TTGTTGCTGA	GTGCTGCGAG	CTATCACATA	GATGCTGGGA
185251	ATAGAAGCCC	AAGGATTTTC	TATAAAGAACA	GCTTTTATCT	GCTAAGCCAT
185301	TTCTCCAGCG	CCTTAAACAA	AACAAATAAA	CATAACAAAC	AACCACAACA
185351	GTAACAAAAA	CCCCAACTGT	GTGTCTTGTG	CTTAGGTTTT	TTTTTTTAAAT
185401	TATTTTTTTA	CYTTCCATGC	ATGCGCATTG	GAGTGTGAGG	GTGTGCAGAT
185451	CCCTGGAGCT	GGAGTTGCAG	ACAGTGTGAG	CCGCCATGTG	GTTGCTAGGA
185501	ATTGGACTCA	GGACCTCTAG	AAGAGCAGCC	AGTGCTCTTA	ACTGCTGAAC
185551	TATCTCTCCT	GTTTTAGATT	TTATAGGCTA	TTTTTACAAC	TACCCGAGTG
185601	CACCTCTCAA	TAACTCTATA	TGGATCTATG	GGGACATGAT	TGCTTAAATC
185651	CTTTGGCTCT	CCTCTTGAT	CATTGCCAAC	ATTCACTTGA	TGCACATATA
185701	AGCATATACA	GCTGTCGTAC	AGAAGCATAT	ATAACTATCA	CACAGCAGCA
185751	TATACAACCT	TCATACAGAA	GCATATACAG	CTGCCACACA	GGAGCATATA
185801	TAACTATCAC	ACAGAAGCAT	ATACAACCTG	CATACAGAAG	CATATTCAAC
185851	TGTCATACAG	AAGCATATAC	AGCTGCCACA	CAGAAGCAT	TTCAACTGTC
185901	ATACAGAAGA	ATATATAACT	GTACACAGAG	AGCATATACA	GCTGTACAC
185951	AGAAGCATAT	ACAACGTCTA	TACAGAAGCA	TATTCAACTG	TCATACAGAA
186001	GCATATTCAA	CTGTCATACA	GAAGCATATT	CAACTGTCTA	ACAGAAGCGT
186051	ATACAGCTGT	CACACAGAAG	CATATATAAC	TGTCATACAG	CAGCATATAC
186101	AACTGTACCA	TGCAGCATAT	ACAACCTGCC	CACAGCAGCA	TATACAACCTG
186151	TCACACAGCA	GCATATACAA	CTGTACACAA	GGAGCATATA	CAGCTGTCC
186201	ACAGAAGCAT	ATACAGCTGT	CACACAGCAG	CATATACAAC	TGTAATAATAG
186251	AAGCATATAT	AAGAAAAAGA	GCCCAAGAGA	AGGCACAAGA	GTCAAAACCC
186301	CACCTTGCTA	TAAAGAAGCAT	TCCTCCAGGA	ACTTGGGAAG	CTATTTCCCA
186351	CTTGCCAAAA	GTAGTTTTCT	TTTTAGCCAT	AGCAGAAGGG	ATGCATTGCT
186401	ATTCCATTAA	CCTCTGCCTT	CCTCTCAGCA	TAGGAAGTCT	CATGCTAGCC
186451	TTTCCAGCTCT	CTCAGCCCTT	ACTCAGCAT	ATTGTTTATA	CGCTTCAAAG
186501	CTTCCCACCC	AGCTCGGAGG	CTCCCTTGCT	CCCAGGTGCC	CAGCCCTTGT
186551	ATCCCTCAA	GTTTTCTCTC	CCCTTTCTCT	GTACCCCGTA	CCCCATCCCC
186601	TTGGCAGTTT	GGATAAACT	TTTACTTCTC	CACCCCTGAA	GTGGTAAATTT
186651	TCATTTTTTT	TTCTACCCCT	TGCATTTCAGT	AGACACACAC	ACACCCCTGC
186701	ATAATAAAAT	GCATTGTTTT	TGTTAGTATT	TTGAGGAAAC	TTTGTGGGAG
186751	CAATGAAGAA	TATGACTCTT	GTGCCTCTCT	TTGGGCTCTT	TTCCCTCTGT
186801	TGGTTTGTCT	TGTCCAACCT	CAGTGTGGTA	GTTTTTTTTAT	TTATCTTATT
186851	GTATTTTATC	TTGTTTATAT	TAAAAAGCAA	ATTAACAAAT	GAATAAAAAC
186901	TGCTCCACTA	GGGTAAAGGT	TACCGACTGA	TCTGTCTCTTA	TACCTCTGG
186951	GGGAGGGGAA	ATCAGTGTTC	TCCAAGGAAG	TGACACTGGG	TACCTCATCC
187001	ACTCCAGAGT	AGCCCTCATG	CTCAGGAGTA	GTTGGCCAGT	ATATAATGGA
187051	CTCCACAGGT	GTGTGTGGCT	GTGTGTGGCT	GTGTGTGTGT	GTGTGTGTGC
187101	TTACTTGGTT	ACAGGATTTT	TGTTTGTGTT	TTTTTTGTTT	TTGTTTGTGG
187151	TGCTGGTTTA	TTTTGTTTCC	TTTTGGGGGT	TTTCTGTGTT	CATTGGGCTT
187201	TTGACTGTGT	TTGAGAAAGA	ACTTCACATT	AGGTGGGTAG	GGAGAGGTAG

187251	AAGACCTAGA	AGGACTTGGG	GGAGGGGAAG	AATATGATCA	GAATATATTT
187301	GAATTTAAAG	AATTGTTTTA	AATAATAAAG	AGTACCACAA	TTAAAGGGA
187351	TATAAAATAA	TTTTTATTCA	CTTCTCTTA	CCGCCCTGGT	TACTCCCCC
187401	CCCACCTCTT	TTTTCTTACC	TACTCTTTTC	TTTTTCTCTA	AGGCACTTCC
187451	TTTAAACATC	CTTAGTTTGG	GTTTGACTGC	TGTGAACAGA	CACCATAACC
187501	AAGGCAGCTC	TTATAAGGCG	ATTTAATTGG	GGCTGATTTA	TAGGTTTCAGA
187551	GGTTCAGTCC	ATTAGCATCA	AGGCAGGAGC	ATGGCAGCAT	CTAGGCAGGC
187601	ATGGTGCAGG	AGGAGGTGAG	AATTCACAT	CTTCTCATGA	AGGCTGGCCAG
187651	CAGAATACTG	CGTTCAGGT	AGCTAGGACA	AGGCTCTTAT	AGGCCATGCC
187701	CACAGTGACA	CACCTACTTC	AACAGGGCCA	TGCCCTCTAA	TTATGCCACT
187751	CCCTGGGCAG	AGCATAGACA	AACCATCACA	CCCTCCAATG	CAGATATATT
187801	TCCAGAGATT	CTCTCCAGCT	TTGATTTAGA	AATCCCCTCA	GCTTGGGAAGG
187851	ATGAATTTCAC	TAGACTCGAG	GCTAATGTTT	GTTCCTTTCC	TACACTTTTA
187901	GGTCTCTCTCA	CGCTTGGGCG	ATTCTTGAGC	ATTAGCAACA	GTGTTCTCTT
187951	TGCTTCTCAA	AAGCCAGCTT	GCTTTTTCCC	GATAGTTTAC	TTTCAGGAATT
188001	TTCAATTAAT	ATTTTTCAC	AACTGAAGCT	TGCACACATG	AAGCCTAACT
188051	GCATTGGCCTT	TGTGTGTGTT	TCTGTGATAC	GTGTGTGCAG	GGGTATGCAC
188101	GTGCATATGT	GTGTGTGTAT	ACGTATGTAT	GTACATATAT	GTGCATATGA
188151	AGATATAACC	CGGTATGCAT	GTGCATGTCT	ATGTGTATAT	TATGTGTATA
188201	CATGTGTATA	TTTATCCTGC	ATAATATCT	TTGAGCTTGG	TGCACCTGTG
188251	GTMTTGTGTC	GCACCTTTGG	GGGGAGATT	TGCACATATG	CTCAATCACT
188301	TCTGTCCCAG	TCGTCTGCT	TCCTTCTCT	CCAGCGCTCC	CCTGATACAG
188351	GCCTGTAGGT	ATCGCACAGC	TCTGGCATGT	TTTCTTGCT	CGGTTCTTCC
188401	TGCCCTTTCAG	TTGGTGGGAT	TCGTGTTGAT	TGATAGATAC	TGTTTCTCTGA
188451	ACACAGAGCT	CACCAAAGC	TCTTCTTAT	GGGTCTTCT	TCTGTGGCTC
188501	CCCGGCTCT	CCATTCTTAA	CATGCTGACT	ACGTGTTAGA	ACCGTTCCCT
188551	TATAACCACA	GTGCGGTTAA	GTTCCTGATT	AGTGATTTCT	ACTTATAATC
188601	GGACATGAGG	CTGCGGTAGA	GGGCACAGCT	GTGACTGGGC	CTCTAGCAGA
188651	TGTGATAAAG	CGTGGGAGTG	AAGCCTCTTG	TGGGTCTCT	GGTGAGGCTC
188701	CCGTGGTTTG	TGAGCCTGCT	TCTGAGCTCT	TCTGAACCTT	ACAAGTGTTT
188751	CTTAGGTGAG	AGGGTAGCGA	GGTTGGGATG	AAGTGGGGCT	CAGTTATGAT
188801	CTTATATTGG	CCCGGCAGST	TATCTGTGGT	TAGTTTCCCC	TGTGCAGACC
188851	TGCCCTGTGTC	TTTTCACACTG	GATCCCCTTC	TTCTGCCCCA	CCCGCTGGAA
188901	GCATGTCAGG	GTTCCTCTGT	GGACATTTCT	TGCCCAATCC	ACTAGGTTCC
188951	TTCTCTGTGT	CTGGTGGTTG	TCTCTCCAGT	GGTCGGGAGA	CTTGCTGTCT
189001	AATGGTCACT	GTTCCTCACT	CTCTGCTCGA	TAGGCAGAGG	GGTGACTTTC
189051	TGAGCATCTT	GGAAATAAGAA	AACAATTTTT	GACCTACTTT	TTGTTTTTAA
189101	ACATTTATCT	GTGTGTGTCT	GTGTGTGTGT	GTGTGGCGTG	CGCGCGCGCG
189151	TGCACGTGTG	CTTCCATGTG	CATCCCATGT	TGGCATGTGT	GCAGATCAGA
189201	GGATTTTCCA	CCATGTGAGT	TCTGGGTATT	GAACCTCAGG	CATGAAGTTG
189251	GTGAGCCAAG	ACCTTTACCC	ACCAAGCCCC	CTTTTACTTT	TTTTTTTTTT
189301	GTCTTTTGAA	AGAAAATGTA	AGGCTGGTGT	AGCAGCACAG	GCCTTTAAGC
189351	CCAGCACTGA	GGCAGGTGGA	TCTCTGTGAA	TTTCAGGCCA	GTCTGGTTTA
189401	CAAAGTGAAT	TCTAGGGCAG	CGAGTGCTAC	ATAGTAAGAC	AGTGCTCTTA
189451	AAACAAAAAC	AATAACAAC	ACAACCCCAA	AACAATAACA	ACAAAAGAAG
189501	ATGAAGTGTA	AATACCCCC	CCACCCCTCG	TCTGAGATAC	TGGCCCTGGC
189551	CGCTCTTGCA	GAAGGAATGA	AGACGAGGAT	GTAATCACGC	CCAGGTGTGC
189601	TGGAGGAGGA	GGCTTTTATT	GTTGATGGGA	GAGAGCGCGC	AGCCAGAGGC
189651	AGCCAGAAGA	GTCAGATCA	GGGGGAGAAA	CTGACGAGCT	GAAC'TGGGCC
189701	ATGAGAAAGG	AGGGGGTGAG	CATGGAGAGA	ATAAGGGGGA	GGGGGAAGAG
189751	AGGAGGCCAA	GAGAGGAACC	AAGAGGCCAA	AGGGGACAAA	CAGAGGTGGC
189801	CACAATGGCT	GGGTATATA	GGAAATCAGAA	GCTCGGGGAA	TGGAAGATGT
189851	GGTAGCTTTT	CTGGTCTGTC	AGCTTGACGA	CATCTGAAAT	GAACTCCAAT
189901	CCAGAACTGG	AGGGCACGCC	TGTGATCCAG	ATCTTGAGGC	TGGAAGGCAC
189951	AAGTGTCTGA	CATAGATCTT	GAGGTGTTGT	GGTCATGAAA	AGCTTAGGCC
190001	CAGGCAAGGT	AGTACATGAG	ACTTAATTCC	AGGAGGCTGA	CGCAGGGAGT
190051	TCAAAGGTCA	GCCTGGGACA	AAGCAAAATCC	CAGATCCAGG	AGTGTGTATA
190101	CACACCTTTA	ATCTGGGTCA	CACCTTACCT	TAAGGACATT	GGAAGGAAGGA
190151	AGATTGCTCT	TACTTGCAAT	GACTTGCCAG	CACATCTGTT	GAAATCTACT
190201	CTTGCAGGAT	TCCAGCTTAT	ACAAAAGACC	AGGTGAATCA	CCTAGGCTCA
190251	TGGGACTGAG	CAACTACTAG	ATTCTGGTAT	TCCCATCCAC	AGCTGCCCAT
190301	TGTTGGGCTA	GTTGGACTGC	AGACTGTAAG	TCATCACAGT	AACTTCCCTT

190351	AATATAGAGA	GGCATTTCCAT	AAGCTTTGTA	ACTCTAGAGA	GGCCTGACTA
190401	ATACAGAGGG	GAAGCTCAGG	GGTGTGAGAG	GTTAGGGTGG	GGCAGGGGGTG
190451	AGAGGGTTGA	GAGGAGCTTG	GGCTCTGTTA	CAGGTGCTCG	CAGAGCCAAA
190501	AGAGCCAGCA	AGCCAGCTCT	GCTATATTTA	TAAGTACCAC	AGTTAGCCCC
190551	TTGTGATAGA	TTAATAAGTA	CCACAGTTAG	CCCTTTTGTA	TATATTATAA
190601	AGTACCACAG	TTAGCCCTTT	GTCCCTGTGAT	CTCTCGGGAT	CTGACAAAGG
190651	CAGAATACGA	AGGTTTCCCA	GAAACCTGCA	TGGCAGCTCC	CAAGCCCATG
190701	TAACCTCCAGT	TCCAAGGAAC	CTGGTCGACT	TTTCCGACCT	CTGAGGGCAC
190751	CAGGCACACA	TGTGGTGCAC	AAATATACCT	GCAGGCCAAT	CACACACATC
190801	AAATAAATAA	ATCTGAAAAA	GGGGGGATAC	TGTTTGAAGC	TTCCCTTATC
190851	CAACTAACAC	AATATAGACC	AACCCCTGTT	CCCTGTAAGT	GATAAGGTCC
190901	TATGATCATTT	ACCGCTGTGA	TCATTTGAGC	ATAGTTGTGC	GTTTGTCTCA
190951	CAGCAAGGGG	GTCCAGCAGT	TGGCTGCCAT	GAGTATCTGC	AAGGAACGCA
191001	CTTGTTTCTG	GGCCCTCCTC	CCTGTGCGCT	TGGTGCATTG	TGCCATCCGT
191051	TGCTGCTGCT	TTTGTTTTTA	TCCAGTAGTG	CACCGTGTCT	ATTAGAGAGA
191101	GTATGTATCT	AAGAGCAAA	CTGTAATGTA	CGGTGTAGTT	AAATTTAACT
191151	TATCCCTGTG	TAGCTTACAA	ACGAATGAGA	CTCGGACTGT	GGTTATTTTTA
191201	TTTGTGCTTG	ACCAATATTT	GACTGGGGAG	TGAGCCATAA	TCTACTTTTC
191251	TAACGTCTAT	GTGGGCTACC	CTCCCCAGCA	GTGTACCCCA	TGCATCTGCT
191301	GTTTCTCTTG	GGCATCTCCC	CTCATGGTGG	CTTCTCTCTC	CGTGCCTTTT
191351	CTCCCTCTTC	CTTCTCTGTG	ACCCCCAGCG	ATGTGTAAGT	AAACCCACCT
191401	ACCTCTATTT	CCTCCAGTAA	TTGACTGTGC	CCAATTTTAT	TCAACCAACA
191451	GTTTTAAATT	ACAGAGTAAT	GTITGCCCAA	CATAAGCTGG	TATACATGAG
191501	AATTCACCTA	TCCTTGAATAT	ACAAAAATTA	GCATATAATA	CATAGCAACA
191551	GACCAAACCT	CAACAGTACG	TGGCTCTTCT	ATGCCCCGCT	CTGCTCTGAA
191601	ATGAGACAGA	AACTAGGTAC	TTTCTATTAT	TGAGTTTCTT	TGACTATAAG
191651	TGGCCTGGGT	TTATCTATTG	TAAGTAGAGT	ATGCTTGGCC	TGGCTTACTT
191701	CCCGGCCACT	TGGCATTTCC	TGCCATCTGA	GCCTTGCCCT	GGCTCCTTCT
191751	GCTCCACATG	AAGCATTTACG	GTGACTCCTC	TGGCAACCTG	CTCATGGTGC
191801	ATCTCTCTGA	TCCCTCTCCT	CTCCTCTTCC	CTCTTTTCTC	TCCTTGGGAG
191851	CCCTGACGTG	GGATCAGAAG	TCTCCCTTAA	ACTCTTCTPC	TGCCCACTTA
191901	CAAGCTGATT	AGTTCTTTTT	ATTAAACCAAG	TGGTGGTGAT	GATGGGAAAC
191951	TATCTTTTACA	CATCATTTAG	ACTAGAGATG	CTCCAATAAT	CACGGCGATG
192001	CCAACTGCTG	ACTGCAACCT	GGTCTCTGGG	CAGAGAACTA	AGCATCTCAA
192051	GTGCACAGTA	CGCAACCAAC	CCCCCCCCCT	CCCAAGTGTA	AGCAACATGA
192101	AATGTGGTAA	CAACAGTGCT	CAGGTGAGTT	TCTCTCAGCA	GAACCTGCCA
192151	CGCTCCTCAT	AGCTTTACAT	CTCAAACCTG	GAAGAAGAAG	AAGAAGAAGA
192201	AGAAAAGAAG	AAGAAGAAGA	GGAGGAGGAG	GAGAGGAGG	ATGAGAAGAA
192251	GAGAAGAAGG	AAGAAGAAGA	AGAAGAAGAG	GAGGAGGAGG	AGGAGAGGGA
192301	GGAGGAGGAG	GAGGAGGAAG	AAGAAGAAGA	AACAGAGAGA	GGGAGAGGGA
192351	GAAGGAGAGA	GAGTTTCAAG	ACCCCACTGA	GTGAAGGCAT	GACTCATGAT
192401	TCCCATCTAT	ATCCTTTGTG	AGTGATGTTG	GGAATGCCGT	CACTGGAAGG
192451	GACATGTAAC	TGGTAGCTGC	AAGTGACTCT	AAITGTGTTG	AAGGCACTTT
192501	GTCTGGGGAA	TGTTGTGAAA	TAAGATGTCT	GCACGTAGCA	GTGGACAGAC
192551	TTCCATATAT	TAAGCAGAA	TGTCACATGT	GGGGTGAGAG	ACTCTAACAT
192601	TTGCCCTTGAC	CATTTAGTGT	GTGGAGAATT	TGAATAGGGA	ACTAAGCTGG
192651	AGTGGATGAC	CTTCTGACCC	AGCTGTGTTT	ATATTTACTG	ATTGCTTTTTA
192701	AGCTTCAAAA	GCTCTTCTCT	GTCTAGCTTG	GTGACACACC	AGTCACAGCA
192751	CTTGGGATAC	TGAGGCAAGC	AGATCTCTCT	GTGAGTTCAA	GATGAGAGCT
192801	TGCTCTAAGT	GAGTTCCAGG	TCAGCTAGGG	CTATGTAGAG	AGACTTTGTT
192851	TCAAAGTAAGT	AAGTAAGCAA	GCAAGCAAGT	AAGTAGGTTA	GAGAGACCTT
192901	TGTTACAGAC	AAGGAAGCTC	AGAGAAGTAA	ATGTTTCCAG	GGTCTCAAA
192951	CAGATGATTT	TACTTAAACT	CAGCCCTGAT	TCTGGACCTG	GGATCCCACT
193001	GAATTCACCT	GCTTGCTGTC	AGCCCTCGG	CATGCATTGC	TTTAGTGCAA
193051	AGAGCAAGTG	CTTAATGGCT	TTCTCAACTT	TGTTAGGCTC	CCTTACTTGA
193101	GACAATATGA	GGCATATATGA	AATCTGTAGT	GTGAGCCAGT	AAGCAGCTTT
193151	TTTTTTTTTTG	GTTTCTGCTC	GATTCCTTTC	CTGAGTTTCT	GTCTTGACTT
193201	CTCTAGTGAT	GGCTTGAAGC	CTGTAAGTGT	AAGCTAAGT	AAGTCGTTCC
193251	TCTCTGCGGT	TGGTAGGAGT	GTTTGTGTCAT	AACAATGAA	AGAAAACATG
193301	AACAGAAATT	GGTGTAAGA	ACAGGGTGAT	TGCAGACTGT	GTTTTTTGGG
193351	GGACAGTATT	ATGGAACAC	ATTATAGAAT	TTTGAGCTGG	AAAAGCCATT
193401	GAGTGCTGGG	AGGATAGTGG	GAGGTTAGTG	GGTGGTTAGT	GGGAGGATAG

TGGGAACCTTA	GCGAATAGGA	GGGTGGAAGG	AAACGCAGAC	AAGGGAGGAT
TGGAATATATA	AGTTCAGAGG	GCAGCAAAGA	CCCTAGCAGT	CATTATATGTG
ATAAATTTGGA	TTAAGGATCT	GCAATTAGTG	GTCCAGCTGGG	GCTGAAGAAT
CAGCTTCGAC	TACCAAGGGA	CCAGCACACG	AGACGCTGGAA	CTGTCCATGTC
TTTGCCCGGA	CAATAGGGCC	AGCACACAGA	AGATCCAAAGC	AGGCCAAGGC
TGCATCTAAA	GCTGAACCTT	GCAACATGTA	AGAGTCTCTC	ATGTGATATT
GGTTTPTGAAG	ATGTGAAAGC	TTGCAAGGTT	GAGGGACCGA	GGACCAACAC
CCCATGACAT	TGTTGGCGGC	CAAAGGATTTC	CTGTGGTAAA	GGTGACAGCAT
CCTTTGACAG	GAGAGCCAG	GGCACTGGCT	GGTGTAGGAT	CCTCATATTG
GACAGCTGCC	AATGAAGCGG	CAGGTGTGCA	GTGGAGCTGG	CCTGAGGCAA
TGACATAAGC	TACAGTGTCT	GCTCTGGGCC	GAGTGTAGGA	AGCAGAACTG
CCCAAGAGAG	AGATCTGTGT	AGCACATAGC	AATGCTTTGAG	GGGCGGGGCC
TTCAAGCCCTA	TAGCAACGCT	CGAGGGGCGG	AACCACCAAG	CCCATTGAAA
CTGATGCCTA	AAGTTGGGCA	CGCAGTTACA	GTACGTGGCG	TATGCCCTTGC
TGGCTTCCAG	CCATGCTACG	GTCTAGCCTT	TCTTGCCCAAC	ACCTCCAATC
CTCCCTTTGG	GAATGGGAGT	GTATGCCACA	AGCCCAATTT	CATTTTAGAG
CTTATCGATT	TACCATCTTT	AGGCCAAGAA	TGATTGACTT	CTCATTCCTA
AGTGGCATTT	TAAAAATCAA	TTTTTGAGTTT	GAAAAAGTTA	TAAAAAGTGT
TGGGATGGCA	TACAAGCCAT	TCAGAGGTAG	AAAGAAATAAA	GTATAATGTT
AACATCAACA	TAGACGTTTT	AAATAAAAGTC	AGTAAGGTCT	CTGTTAAAGT
AGCATCACAA	AATAATACCC	GTTTCAGATG	TATGTCCGG	AGTCTGAGGG
GTGGGGGGTG	GGGAGCAGGA	GTAGGCTTTT	GTAGGCGTGA	CACCATTAGC
AGAAGTAGAG	AAAACCTCAA	AAGAGAAAGC	AGATACATCT	CTATGAGAGT
TCCCTCTTTA	TAGTAAGAGC	TCTGCAGAGA	AGGCTATAAA	CATACATCAA
TATGGGAAAG	TGTTGGCCAC	ATATGTAGCA	AAGAGTTATT	ATGCAGAACT
TATAGATTAA	TAAGCAGAAG	ATGGACTGTT	CAGCTAAAAA	TGGAATACCA
ATATACAGGC	ACAGTATAGG	CACCGATGGC	CGCCAGCACA	TCCCTTCCCC
CCCTGACTATA	CCCATCACTG	CCCATCATTT	GCCAAAGTTGG	CTTGGGGCTA
AGAGCTTTCAC	CTCAACACTC	AATAAAGCAG	CAGGCAAGGT	GCATCAGCTTC
CCAGAGAAAC	TCAGGACAAA	TGGCTAACTG	TGGTGCCTGT	AGCTTACGAA
GCGCATGTTG	CTCTCAGGCT	CTCTCGGCAA	CATCTGTTTA	CAGAATCCAT
GCTCCTGATC	CTGGCTCCTC	TCAGCTCTCT	CACCCCATGT	CCCACCTCTA
ACCTCTAGCT	TGGGGGGCTT	GCTTCCCTTG	CCCCCCAGT	TCTGATTTCT
ATGTAAGCCA	GCTGTTAGGC	CACATGCTCT	GCTCTTAGTCA	GGGTCTTACT
CTGTGTAAAC	GACACCATGA	CCAAGGCCAAC	TCTTTATAAGG	ACAACATTTA
ATTGGGGCTG	ACTTACAGGT	TCAGAGGTTT	AGTGACGTTG	CATTAAGATG
GGAGCATGGC	AGCATCCAGG	CAGGCATGTT	GCAGGAAGAG	CTGAGAGTTC
TTTCATCTTCA	CTCTGTCTAGC	AGAATACTGA	CTTCCAGGCA	GCTAGGATGA
GGGTCTTAAA	TCCCACACTC	AGTGACACAC	CTACTCCAAG	GCCACACCCA
CTCCAAGGCC	ACACCTACTC	CAAGGCCACA	CCTACTCCAA	CAAGGTCACA
CCCTCTAATA	GTGCCACTCC	CTAGACCGAG	CATGTCTAAA	CCATAACACG
GTCTTTGGTT	CTTCTCTCTT	GGTCTCTCTG	ATCTCCCTCT	TCGCTCTTCA
GTTCCTCCCT	CTTAAAGTTT	CTGTTCTCTA	GCGCAACAGC	ACAGGCTGCT
TCTGTACTTT	AAGAGAAAAA	TGCAGTGGAC	GCAACCAGAA	GTACTTGTTT
TTGTAGCAGA	TCAGTAATTA	TGGAAGAAAT	GTACATGTGT	TACAGAATTT
TTTTATGTCA	AATTGACACA	AGCTGGGATC	ATTAGGATTG	CCCTGGAAGT
AGTCTGTAGG	ACATTTTATT	TATTGATGCT	TGACGTGGGA	GCACCCACTT
CACGTGTGGT	GGGTCCACCC	CTGGGCAGGT	GGTCTTGGAT	GGAGTTAAAA
AGCCGGGGGA	GCCAGTCAGC	AAGCAGTTCT	CTCCCTGGC	CTCTCCTTCA
GTTAGTGTCT	CCAGTTCAGG	CCTTGACTTC	CCTTCATGTT	GGACTGTGGC
TGGGCCATTG	AAGTTGAGGT	GAGCCCTTTT	CTGGCAGGTT	GGTTTGGTGC
ATGGTGCTTA	TCATAGCGGT	GGAATTCCTA	ACGAGGACAG	TACTCTCACA
GCTGGGGAAC	GTCAGTGCAC	GAAGTTTGGC	ATAATAGATT	GTGGGAGCAT
GTATGAACGG	GCATGCTCTT	CATTTTGACA	GTATTTATCA	CAGGCTGCGC
CCTTCAGCAT	AGCGTTTCTA	CTTCTAAGAC	TCTTTTGAA	AGGAGCAATT
AAAAATTGAT	TAACTAATTA	ATTAGTATTA	TTTGTAGACA	AGATCTTGCT
TTATAGAGTA	GCCTGGCTGT	GAACCTATAG	AGATCCACCT	GCCTCTGTCC
CAAGTGCTGG	AATAAAAGGT	GCTTACCACC	CCTGGGCTCT	ATAAGGACTA
ATCGGGCAAG	TACTTGTATA	TAAAAGCATA	TTCTTACCAG	TATTTGTTTAT
ATAAGTAAAA	GGCCCCAAATC	AGTATCTGTC	ATTGAGCCAT	TGCTCAACTC
AGGAGTGGGA	GAACTAAGT	GGCATATCTG	TTTACTAAGT	TTTTAAATATT
GCTCTTAATT	TCCAACGTC	TGGAACAAGA	AGGCAGAAC	AAGCAGTTAC

196551	GTAACAGGAC	ATGCGGCTCA	GCGGAGCTGG	ACAGCTCCGG	TGTTATGTGC
196601	TGAAGTGTGC	CTGCCAGTCA	GAGGCTGGGG	AGCCTGGCAT	GTAGAGCCGA
196651	TGCTCTTTCT	CCCCGTATGCC	TTCCCTACAGT	ATCTCCGGAT	ACAGTTTTFAC
196701	TATTACATTT	GCCGAGGTAT	TTACTCTAGT	TGTTAATTTT	TTTTTCTCTC
196751	AAAAATGGTGG	CGCATCTCAC	CTTGAAGACT	GAGCTCACGG	GTTGGTGACT
196801	AGGAAGTGT	CTACAAAAG	CTCGTTAACT	TTGCGTTCAT	TCATGAGTTT
196851	GGGGGTACTT	TTAAAACCTC	CATTTCTCTG	AGAGCAGTTG	ATGCAAGTAT
196901	CATGTTATAT	ATGCACACGA	ATPCTCAGGT	TTTCCCAAGA	ATTTTAAATAG
196951	TTGTCCAGCT	TCTGCTTTTT	CAATTCCACT	CAGTGTAGAA	GCTGTGCTGA
197001	GTAATTTTCG	TGGTAGAAGT	GAGGAAGTCC	TACTGATGGT	CCCTTAAACCA
197051	GTAGGTTTGT	AATGTTAGCT	TTCTCTATTG	GACTCGGATG	CCCTCTTAAAC
197101	TCCAAAACGA	AATGTCCAG	TAGGATCTAA	CCAAGTGGCT	GAGGGGACCT
197151	GGCCGAGGAG	TCCTTGATAAT	TTTTTGATAA	CACATAATCT	TAAACACATC
197201	TGAGCTCCAG	GTCTAGAGAA	GACTCCTTTT	TCCTGATAGT	AGTCATGCTTA
197251	GGAACATCTT	GAAGGACCTG	ATAGAGCCAA	AAACCAATTT	GAAACGAGAT
197301	GGGCTTTGGG	GTGAACCTTT	CATCTCAGCA	CTCAGGAGGC	AGCGGCAGGA
197351	AGGTCTCTGC	ACATTTGAGG	CCAGCCTGGC	CAGTGTAGTG	AGTCCCAGGG
197401	CAGCCAGGGC	TGCATAGCAA	CATTCCGACC	CAGATACTA	AGGAGCAGTG
197451	AGCGGTTTGC	ACAGTGGCTA	ACCATCATCC	TGCATACAA	AAGAGCACCG
197501	GGCAGTGATA	ACAGTAAGGA	CTAGTTCGACA	TAGCGCCTCC	CAGTATCTGG
197551	ACACAGTGTG	GTGCATCTCTG	CTTAAAGAAA	CAGCTGGATT	TAGAAGAGT
197601	GCTTCATTTT	TCACCAGAAG	GAAAAAGAGA	GGCACAGGTA	GTGAAGACGC
197651	TGACTTTTGA	AAACTCTAGA	TACCTTCAGG	GAGCAAGCAG	AGCAAGGACA
197701	CCGTTTGCAG	GAAAAATGCTC	AAGGAAGGCC	TTTAGAGGAG	CCTTTTAAATG
197751	CAGTAGGAAT	TC TGAGTTCA	TTCCCTAAGTT	GTTGCATTTA	CACAGTCCCTT
197801	TCATTTTGAT	ATTTCTCAGTA	AATGTGTTTT	TTTGTTTTTT	TGTTTTTTTTT
197851	TGGGGGGGGG	GTCAGACCGA	CCTAGGTTAA	AAATTAATAATC	CAGGTCCTCTT
197901	CATTTGGAGT	AGTTTTTTAA	AACTTGAGCA	AGTTCAAGCT	TTCTTAAGCT
197951	TCAGTGTCTT	CATCCCCAAA	TGGAACCTC	CGGAAGGTTG	CAAGATTAATA
198001	TGAGATATTG	TTATAAATAA	CCTAACAGTA	CCACACTAAA	TGCCAGATAA
198051	GTGCCCCGTA	AGTGCTTTAT	TTTGCTGTGC	ACATTTGTTT	ATTTTGAAGT
198101	AGTTTATCGT	GCTACACGAT	AAGTTGACAG	TCCTAGGTTT	ACACCTGCCT
198151	CCACTGTTTG	ATAACACATA	ATCTCAAGCA	CATCCGAGCT	CCAGGTCCTT
198201	GGCCACAGAA	TGGTTATCAG	TACTCTTTAT	CTTGACAGAA	CTTGTGAGGT
198251	CAGAGGCAC	CCAGTCTGTG	CTCGCCAGAG	TCTCTGCCTG	GGACAGAGTT
198301	AGTGCTCGGT	GAGTGGTTAT	TGTCACAAAG	CGAATAAGCC	TCTAAGAGCG
198351	TCTTAGTCTT	TGTCATATTT	CCCCCTCTGC	CTTTGCTTTT	TACCTCCAGC
198401	TGTAGTCTTT	AAGAATTTGG	ATGTGCACAA	TTAAGACTAC	AGCCCAAGGC
198451	CAGGTTAAGA	TGTAATACTC	AAATGTGTAT	TACAGAGGGA	GGCTGGAGAG
198501	ATGGCCGCTC	TCGTGGAAGA	CTCAGATCAG	TTCCAGTATC	CTATGGCAGC
198551	TCACAACCAT	CTGTAACTCG	AGTTCCAGGG	GATCTATAGG	CCTTTTCTTG
198601	CTCTTGTGGG	TACCAGTCTAT	GCAGCGTGCA	CAGAGACACA	TGTGACGCTA
198651	TACTTGAGAG	AGACACGCAG	AAGCACCACG	ACTGTTGGGC	TGTAGTAGGG
198701	AAGGGTATCT	GCCCTCGGCC	TTTGGTCTCT	TGGGAAGAAG	TGTCAGTGGG
198751	AACATGTGCT	GTCCCGCTCA	CTGACGTCAC	TGATGAATGG	GATGTCAGTG
198801	ACCTTTGACC	GTGCAACCCA	GCTGAGCAGC	CAGTCCCATC	ATCGCTCTGG
198851	AGGTACCTGG	CATGCCAGCT	GGCAGCAGCA	TTGATGAAC	CCTTCTCTGT
198901	GCGACTGCCC	CCTGGACAAA	CTTCTTCCAC	ACACCCGCTC	ATGTTCCACT
198951	AGACCACGGA	ATGATGCCTA	ATGTGAATTT	CCATATGCTT	GTCATCTACA
199001	ATCTCCCTGAC	CATCTACGAT	CCTGTGCTTG	TCTAGGTCTC	TAGCCCTTAG
199051	TGATTTGCAT	ATGGCAGTGA	ACGTGGACAA	ATGGTCTCGG	ACCTCAAGGA
199101	GCTTACGTTT	TAGAGGACAG	AAGCATCTTT	TTTAAAGTGT	ACAACACTTG
199151	CTGTTTGGAG	CAAGTATGGA	AATTTGAAA	TCAGAAATGC	TTTTCTTGG
199201	TGCGTGAGGA	AAGCGCAATT	AAATAATCAG	CCCAGATCGC	AGTGTGTAT
199251	ACAGAGCCTG	CATTTCCAC	CCTCATCTCA	GACCCGTCTT	TTTACCTGTA
199301	GTGCTGCATT	TCTTTTCTGA	ATATATTTTC	AGGCATTAAC	AGCTCCCCAC
199351	CTTGAGTTT	TCTTTATCTT	TCAATCATAG	ATGGTGATAG	GAACCTGAAG
199401	GGCGATTATG	TGAGTCCGCT	TCATTCCTTG	ATGCATTTAT	TCTCATTGCC
199451	CTTAAAGTGG	GATTTAAAAT	CCAGAACATC	CCCCGTAGTG	CCTTACCAGA
199501	TCTGGCTCAT	GCCATTTCTG	AGCTCTGCAT	CGACACCTAG	CCCTGTAGTC
199551	CCCGTCTTCT	TCTGGCTACT	GTGCTCCTTC	CGGCTTCAGA	CCGCTGCCTT
199601	TCCTCTGGCT	CAGCATGTTT	CTTCTTCTCT	TCCTCTCCAC	ACATTAGGCC



199651	AGCCTTGCTT	CATGCACAGA	GCTCAGCTCA	TATCCCCATG	TGCCATATTC
199701	CCATGTGCTT	TTTCTTCTAC	AGATTTATGC	ATGTGAGCCT	TTTGTGACGA
199751	CATGTGCATT	TATGCCACGA	ATGTGCCAAT	ATCAGTGGCA	TTCCGGCAGAA
199801	GGTGTAGAT	CCCTTGGAA	TGGAGTTATG	GATGAATTGA	AGCTATGTGG
199851	GTGCTGTGAA	CCAAACCCAG	GTCTCTGCA	AGAGCAGCAA	GTGCTGTGTA
199901	CCACAGAGCC	ATCTCTCCAG	TCCCTGCAC	TGCTATTTAT	AGCACACCCA
199951	GCACAGTACA	TGGCTATGAT	GACTGCCTGC	TCTCATTTCT	GAATGGCTAG
200001	AGCATACGAG	GGTGTGGCTT	CTACCTATGT	TCTCCCTATC	ACTGTTTCCC
200051	TAAAGTGGCTT	CTGTTTGACA	CTGCAAACTA	AATGAATGTA	TGAAGGAAC
200101	CAGAACATCA	TGATAAAGTT	TAAAGTGATA	TGGTGTGTCC	TCCTGGGACA
200151	TGACTTTTAT	AATGAACGCA	GCTTATAAAG	TAGTGGCAGG	GAGCATAGTT
200201	TTTGCTAATGT	TTAAATAAAA	AAGCAGGATA	ACATCTACTA	AGATTTGGAA
200251	AATAAATAAA	CAGGCTGCAA	AATGTAAAC	GAAGGGATAC	AGACCTGGTG
200301	GAGACAGGGG	TTGGGGAGAA	GAGAATAAAT	TAGT'TTATTTG	TCTTTT'TAAA
200351	ACGTCTCTTT	CCCTTTAGAC	TGTGAATGGC	TGTATGCCAG	CCACCAAAAC
200401	TTATGTTTAT	ATCTTTAGGA	AGAATATATT	CCTCTGTACA	TTCTCAACTCT
200451	TGAGCAAAC	TGAATAAGTC	GTAGACCTTT	GGAGCCAACT	TCACATGTTT
200501	TTAATGCTGA	TATTACACAC	AGAAGCAGTA	TAA'TTTATTC	AAAGAATACT
200551	GTATACAGAA	TCAGAGAGCT	CTAGTATCTT	AGT'TACTTTG	CTATTGTTGT
200601	AAATAAGCCAC	CATGAGCAAG	ACAGTTTATA	GAAGAGTTTA	TTGGGGCCCT
200651	AGGGTTTCAG	AGGTTTAGAG	TCCATGCCAA	TAGTGGCAGG	GAGCATAGTT
200701	GCTGACAAAG	AGGCATTGTG	TTGGAGCAGT	AGCCGAGAGC	TTACACAGTA
200751	AGACACAAGT	ACCAGGCAGA	GGATCTAACT	GGGAATGGCG	TGGGCTTTTG
200801	AAACCTCAAA	GTACTGCCCC	AGTGAGACAC	CTCTTCCAAC	AAGGCCACAC
200851	CTCCTAATCT	GTCCCAAACA	GTTCCACCAA	TGGGGGTGGG	AGGGCAAGCA
200901	TTCAAGTAT	TGAACCTGTG	GGTGCCATT	TATCTTCAAC	TTCTCTAACC
200951	TAGGTTTAAA	ATTACAATTA	AGTTTAAAC	CTGGGTTTAA	AACTATAATT
201001	AAGTGAAGGT	TAA'TTGTGCC	TATCAAGTAG	AGTG'TGCTGT	GCAGGCGTAG
201051	TGTGTAAACCA	GGTATATCTC	AGCAGGTGTA	GTGTGTAAAC	AGGTGTATCT
201101	CAGCAGGTGT	AGTGTGTAA	CAGGTATATC	TCAGCAGGTG	TAGTGTGTAA
201151	CCAGGTGAAT	CTCAGCAGGT	GTAGTGTGTA	ACCAGGTGTA	TCTCAGCAGG
201201	TGTAGTGTGT	AACCAGGTGT	ATCTCAGCAG	GGGTATGTGC	ATCCTTTT'TTG
201251	CC'TTCTCTT	TAGCCTAGTC	CCAGAAATAT	ATAGTAAATA	GATCATTTAA
201301	CAGAAGCAGG	TAACTCAGG	GTCTTTGAAT	CATAGCAATA	GATCTTATAC
201351	TTGTTTACCC	AGACAA'TTAT	GGGATGCTTC	ACCTGCAACC	CAAGACAGTG
201401	TGTAGGTAGT	GGGGAGCTGT	CCAT'TCTTGT	CCACAGTCTAG	ACTGTAACTA
201451	AAAATATGGA	CCAAACGGTT	TTTCTAACAT	CCTAGGGTTC	AAAGCTGTTT
201501	GTCCACTGTA	GTAAGTTCTG	TCTT'TCCAGT	CTTACAGGCA	CCCCCATG
201551	TCACTTCTCA	CAGCAGTTCC	TTGCGTTGCT	AAT'TTCACTCT	GTCTT'TTAGT
201601	ATCCATTCCC	CCATCTCTTT	CTGT'TCTTTA	CCACCTATCA	CCCCCCCACA
201651	CACACAGTTA	AGATGGGGAG	AGGGTAAGAA	TATGGGGTGA	TGGTAGAGCA
201701	CATGCCCTACC	ATGTATAAGG	TTCCAAAGTT	AGTCTCTCAAT	ACAGAAATCA
201751	ATAAATGCAC	AATCCTTGTGA	TTTATGTATC	TGTTTCAATT	TTTTAAAAAG
201801	TGAGTGGATG	TCCGATGTGT	CAAA'TGTTGA	TGGTAGCCAC	CAAGT'TCCAT
201851	CCTGATT'TCT	TTTGGAAATGT	GTCTGGAGTT	GGTGAGTTCT	CTGGTTGCC
201901	AGCCGCCCC	CCCCACCCCA	CTAGGATACA	GAGGCCACGG	AAGTATGAAG
201951	AGTGTCTT'T	CTCCTTTGAT	TGTAGCGTGA	TGAGGTGCGG	AAGGACAGCC
202001	GCTGAATCTG	CAACCTTATG	GGTTAGAAAC	CAGAAATACA	GCAGCCACCT
202051	TGTGT'TAGTT	CTTGTGAGGC	ACTACACAGA	CAACTAGGCT	TCCAAGGAGT
202101	TTGGAGCCCA	GTCAGGGGAG	ATGGACATGA	GAGCAGGCTT	GGTGCCATCT
202151	GAGCAGATAT	CATAGGCACA	TGCATGAGGG	AGGGACAGAG	GAGGCAGTGG
202201	TGGGGCTGTG	AAGGAATAAG	GCAGAGCTTG	CCACGTAAAC	AGGGTGAGGG
202251	GACAGCGTGG	CGTGTTCAGG	GATT'TCTGTC	TGTGTGGCTG	TTTCTGTACT
202301	GTCAGGTGTG	AAGTGTACAG	GTGCGAGGCT	ATGGGATCTC	TTT'TCTTTTA
202351	CTTGGTTCCC	CAAA'TAAAAA	TGAAGCCTTC	CCATCTGTCT	AGGATAGCAT
202401	GGGTGATATT	TTTCTCTAAC	ATTGTACATA	TGTAGATTTAT	ATTAGCTAAT
202451	TTAAACAGTG	TACATATTGG	AAATATATAT	AGCTAATTTA	AACTGTGCAT
202501	ATTGAGATTA	TATTAGCTAA	TTTAAACAGT	GTCATATATTG	AGATTATATT
202551	AGCTAATTTA	AAAGAAAGAA	TCCACATTTT	GTC'TTTTACT	AGTCAGCCTC
202601	TAGTGCCGAT	TAGGTGTGGG	GT'TTTGAAAC	ACCTGAGGCT	ATCTTTTGTG
202651	CCCTCTTAGG	GCAGACACC	ACCACAAAAC	CATTACCTCA	CAGAAGGATG
202701	GTCTATACTG	TAGGCAGTTC	CCAGGACTT	GATAGAGTAG	TGAGGAGAAG

202751	AATGGGGGCG	GCCCCACCT	TGCCCACCCT	GGCTGGCCAT	GCACCTCGGA
202801	TACTGTGTAC	CTTTAAAAATC	ACACCTGTTG	TACGCCCTTG	TGGCCTTTCC
202851	AGGCCAGGGA	TCTGGGTAGT	CAGTTTATAG	TTCTAGGAAC	CGAGCGAGAC
202901	TGCTGTGTTA	GCACCTGTGT	GCCTTTTATG	GGCCAGGGAA	TGCTGTGTGAG
202951	GGAACTTAGG	CAGCTGGAAC	CTGCAGCCCT	AGCAGTTTGG	TCCGAGGAAG
203001	AACTTTGGGG	GTGAGAAAT	ACAGCTCAAT	ATATAAGCT	ATGCTGGTGC
203051	TCACACAGCT	TGGAGGGCAG	AGGACCAGTA	TTCCAAAGGC	AAGGGGGAGT
203101	GACCTGACTG	CCTCCCCCA	CCCCCCTGA	TCCTTTTGT	GAGAGCTGCC
203151	TTTGGGATCA	CAGTGGCTTG	CTTTGAAAAG	GGCGGCATC	TTCTGTGTGCT
203201	GCCTCTGAGT	TGTTTTGTTA	ATTGGCACAA	AACAACAGCT	ACACACACAC
203251	ACACACACAC	ACACACACAC	ACGAGATTAT	ATTAGCTAAT	TTAAACAGGG
203301	TACATATTGA	GATTATATTA	GCTAAATTTAA	AAGAAAGAAT	CCACATTTTG
203351	CTCTTTACTA	GTCATATATG	TGTGTGTGTA	TATGTACATG	TACATGTACA
203401	TGTACATGTA	CATGTACATG	TACATGTACA	TATACATATA	CATATACATG
203451	CAAGGTTAGA	GGAAAAAGGG	CTGGCTGAAG	AGGGGCTGGG	GGTGGGGTGG
203501	GGAGGCGAAA	AGAGGTGCAG	AGGACCTGAG	GCAGTACGA	GCCACCCCTG
203551	CCACTCTGCC	ATGGGAGGCT	GTCACCAGCC	CATCCTAGCT	TCCCTCCTTG
203601	AGATGCCCTT	GCCAGCCTCA	GGCTCCTTAC	AGGACGAAGG	TGCCGAGGTG
203651	GCCCAACTCA	GCAAGCTGGG	CAAGCCAGCT	CTAGGACAGA	CCCGCCAGGA
203701	TCATGCCAGG	ATGCCAAACT	CTTCAGCCTG	CCCAATGCCA	GCTTCAGCCC
203751	AAATAAAGAA	GGCCTATCCC	GTCTGTGCA	TAAAGCTAAT	AACAGTAAAA
203801	CCCCTTCTCT	GTGGAAAATC	CCAGAAGATA	ACGGGCCAGA	GTCAAGAGGA
203851	ATAAGACAGA	AAGTCAGAAC	ATTTAAAGCT	AGAGAGCAGA	GGAGGATGTT
203901	CAGGTACAAA	GGAGAAAGAA	GAGAGGCACG	CTTGGTTGGC	TTTCGGAACT
203951	GTCACGAGGC	GAACCCATCA	TTAGTTTGCT	GCAGCTGCTT	TCTCTGATCT
204001	AGTTTTCCAT	CTTAAAGTGG	GACTTTGAAA	TGATATAGGT	AGCTTGGAGC
204051	CGAGATACGG	TGTGGTCCAT	CCCCTGTTC	AGTTTCAACC	TGACCCGGGT
204101	TGGGTTGTGT	CCTGCCCTGC	CATCCTCACT	CCCAGCCCGG	CCACCCCGGT
204151	TGCATGGCAA	CTACGTAGGT	GTCTGACTGA	CATTTAGACT	GAACCTTGACA
204201	GACTGAAGTT	GGCAGTTGTC	AGAGTCTTGT	AGAAATTAGA	GAACCGCTGTG
204251	GGCCAAACAC	TGTAGCCTCT	TTTAAAAGGT	ATACACCCCTG	CTTTATTACA
204301	GTATGAATTT	GATGTTGATA	CTTATTATC	CTAACAGAT	GTATCGAAGC
204351	ATATAATCCG	TTATTTTAA	AACGTGTTAA	TTTGGTTTTA	TAACACCATT
204401	CTGGTTGTAG	TGTAAGCCAA	GGAGCCAGAT	TTGCCCTGAGC	CACAGACTCTC
204451	TGTATTGACA	CCCGAGGATT	TCTTTTAA	AAAGACTCCT	AAGATTAAAT
204501	ATCAAGCATC	CAGTCAGCAC	AATACAGTCA	GAAGTGGCAA	GCGTTGTGTC
204551	AGTTCCTGTT	GGCATGCTCC	CCTGAACCA	CGAATTTTAA	CAACACAAAA
204601	GACCACCACC	TCCACCACCA	TCACAAAAGG	AAAACCCAAA	TCCTTGAAT
204651	GGGCAAAAAA	GAAAGATGGC	TGAGGTTAAA	AGTATTGTCC	TCATCTTAGA
204701	AATAAAGGAA	TTATTTTTTT	ATCTGTTAAG	GAAAAAATTT	CCCATGCTGT
204751	CCCATTTGCT	TAGAGCGGAA	TGCAGGGTTT	TATAGGGAGA	AGACTTGAAA
204801	CCACTGTAGA	GGCTACTCAT	TTTCACCAGG	CCTTCTGCC	TCACGCCATC
204851	TCATTAATCA	TAAAGAGGCT	TCGTTAAAC	ATTCAACTCA	TTTATTTTGG
204901	AACACTCGAC	TTCAGAAGAT	GCTCACTGTT	TCCTTATTACA	TAGAAAAATCT
204951	AAACATTTTC	TAGTTTAAAG	AAACAAAGCT	AAACTAAGAC	TTCGCTGGGG
205001	CTGGGGTGGG	GTTGGGGGTG	GGGGTGGGGG	TGGGGTGGGG	GTCGTGCCAA
205051	AGAGACTGGC	AGCTCGTAGA	AGAGAGCTTG	TCCTGAGCCA	GTTCTGTGTG
205101	CATTTACAGC	AACCAGCTGT	ATGCACCAGG	ACTGGAGTGC	CGGCTTCTGG
205151	CATCTTCAGC	TGCATAGAAC	TGACTTTTAA	AGTAGAAAAA	ACAAAAACAA
205201	AAACAAAAAA	CCCCAACATC	TGCTGAAGGA	GACCAGGTGA	TTTCTTAGATA
205251	TTTAAATTTGA	TGAGTTGGAA	TTAGATGGTC	AAGGGGAAT	AAGCTGCTTT
205301	CAATATCTAA	GTGTTTCTTT	CCTTGAAAAA	AAATTCAGTT	AAGTGTGATA
205351	AACGCCAGGC	AATGAGGCC	CATCCAGCCA	CAGGAAAGAC	ATTGTGGCTT
205401	TTAAGCTGCT	GGCACTTTTC	TTTGATGTTA	ATATTCTTTT	CTTTTTTTAA
205451	TTTGAAGGA	GCTTATTAGA	TGTGTTGCTT	TCCCATAGGA	TTCATATTG
205501	TGGTTTACTT	TCAAATTATG	AAATATTTTT	AAAAGAGTCC	GGGTGACCTT
205551	TTGCCATCAG	TTTTGTTCTT	GTGACACATG	AGAGCAATAT	ACAGTTTGTG
205601	CTTAGCATAT	AAGACTGTGT	CTTAGTGACA	GGCATGCTTT	TGTGGTGAAA
205651	GACCAACTG	GAATAATGTC	ACATGTGGTC	ACTCATAATC	ATTTGGAAAT
205701	TCACTTGTCA	TTAAAGAATA	CAAAAAAGCA	GCCACAGACT	AGCATTTGCT
205751	GGCTATTTAT	GATTACTGTA	GCAGTTTTTG	GTGACTGGGC	TCCCTTTCTT
205801	AACAGCGAGA	TACAAGCAA	GCAGCATCTT	TGCTCGGAGG	GATGTTCTCT

205851	TGATAATTTT	GTTGTATGAG	AGTCTACCTG	CTCAAAGCAG	TTGGACTTTC
205901	GGTTTTTAAG	GGCTCTCTGC	CTGCCGGCTG	CTGTCTGCTG	CTTCCAGCTT
205951	TGCCTTGTGGC	CTGCTAGCCA	AGTAATCCTT	ACAACAATTT	TCTTTGCTTT
206001	CTTATAAACA	GTTTAGAGTC	TCCTTGCCCT	TTCTTGAGGC	CTGCGGTAAA
206051	GTTTGAAGAG	GGGAAGTCCA	TATGAAACTG	TCCTTTGTCT	TTTCTCTCAT
206101	ACTCTATGCA	GAGTACCCA	GAGCGGCTTC	TGGGGAGGTA	ATTTTGTCCG
206151	CCTGAGGGTT	TTACAATAGG	TTCTGTGTGT	CTTATGCGTA	GGCAAGACA
206201	TGCTCTTTTGT	TTTAGAGGAT	TTTGAAATGT	GTTCCTCCAC	CCAGACACC
206251	CAAGCCAGAG	CTAAGCACAG	AATCCTTTTA	TAACACAGG	TTATGATCTG
206301	ATTTACTAGA	AACAAGGGCC	GGTGTAAAA	ACAGAGCCTA	AGGATCTTGA
206351	GCCCTCTGTT	AAGGATTACC	AAAAGAAACC	AGTGAAATGT	ATCAAGGAAG
206401	GAAGCTACAG	TCAAACTGT	ATTTCTTCTT	TAAATTTCTT	AAGGCTCAT
206451	GGAAAGCTTG	CATCTGATTC	TCAGCTACCA	AAAATAATTT	GTGTGTGGAA
206501	GATGCCCTCA	AAATGGAATA	TACTTAGGCG	CCCACGGCTG	ACTGCTTTTC
206551	AGATGTGTGG	TTATCAGTTG	TAGCTTGAAT	TTAGAGAGTA	CGAGATGATG
206601	CAGACAGGCT	TCTTGGGGGG	TTAGTTTGT	ACTTTCTGAG	ATAGTTAATTT
206651	TCTGAGATT	TGATGAGAAG	CCTGACAGAA	TGCTTCAAC	CTCTGTGACT
206701	CCCAGGAAAT	GCCTGTAGCT	TTATTTCTGT	TTTCAAGTTT	TGTCGAAGT
206751	AGATTCCAGA	ATAAAACAGA	CATTTCTCTC	TTAGTAAAAA	GGGGACGAGG
206801	CATCTTATTC	CTAGGCTCGG	AACTAAGGCA	AGTCTTGCGC	TTACCTTACT
206851	GTCTTGCTGT	CTCGGGTTAT	CAGATTTGCA	AGTCCGAGTT	GGGGAAAGTT
206901	TCTATCGGGA	CTCAAGCAAC	TCAGCCTCCA	GTCCTTGCTA	ATACCAACAA
206951	CCCGAAGGCA	GTTTTCTACC	ACCTGGGAAA	GAAAAAATA	TCTTTCTAAA
207001	AGATGGGCACA	CGGCTTGCTT	TCCTGTGCAC	TTTCAGCAGG	TCTAGAGCTG
207051	CATCTGGCCG	AGTCGGGTAA	TCCAATCTAT	TTTAACGCAA	AGATTTTCCG
207101	AGAAGGCAGG	AAACCAGCAA	GGGGGAAGGC	TTTCAGGCAT	CTGCTGTTTT
207151	GTTTCCAGAT	CCCTTGTTGT	AATTTAATGT	TTCTAAGGAA	CCCGGGGTTT
207201	TTTTCTCGAA	TCTCTTCTCT	AGGAACTGGT	GTGTGCCCGC	ATAAGCTTAA
207251	GACTAAGGGG	GCTGCAGCCG	GAGGCAGCGT	CCCCGCTCCA	GGGTGCAGAC
207301	TTTCCCCGCC	GCCACC GCCA	CCGCCACTGC	CACCCGCGAG	GTGACAGCCG
207351	CCTTCAAGAA	GTAAGTGT	GCCTGTGTGC	AATTAGGAAA	GGCAACCCCG
207401	TGAAGCGATC	GACATGCCCT	CACCCATCA	AAACCAGGCG	AACTCGACTC
207451	TGTTGAGGAA	ACAAACTCCA	TTCCATCCCA	AGCCGGAGTG	AAACGTGAGC
207501	TTTGCACAAA	CACCTGGCACT	GCTTCGGGAA	TACCCGGGAA	CTCGCCTTTC
207551	TTCCAGCGGC	CTCCGCAGAG	CTTTGCCCGAG	ACAGCAGTAC	TAGCTTGCTG
207601	GGGGTTTTAG	TGTTGTGAGT	GAGTTTGTTC	TCCGTGCTTG	CAGCCAGGTG
207651	TTAGCACTGG	TGTTGTGTGG	GCCCTATCAG	CCCTATGACC	AACAGCCGGC
207701	CTGGCCTCTC	CAGCCTCTCC	TCTCCGCCCA	TGGAGCTGAA	GCCTCATCA
207751	AACTTCGCTT	TGTCAAAAGC	GTCTGTGAGA	CAAAAGCCTG	CCCTTAAAAA
207801	TTTTAAAGAC	TGTATGCTAT	TCCTGTTTAA	ACTCAGCGAA	TGGGGATAAT
207851	CCATGCTGCC	CTGAAAATAG	GGTTGAGAAC	TAAGATGGAG	TGAGTTACAG
207901	TGGCCCTTTA	ATAGTAGAAA	CAGAACC CGA	ACTCCGATAA	ACCCAGCATT
207951	CTGTACTGA	GTTACAGAAC	TATTCTACAG	AATCCTAGAG	TGTGACCAGA
208001	GTGTTGCTCT	CTTGTCATCC	CCCCCCCCC	TATGACATTC	TAGCAATGGA
208051	GCTGTTTCTG	ATTGCTGTGG	TTGTGATTGC	ACACAATTTCC	ATTCCTGGAA
208101	AACTCTAATG	ATTGCACTGT	TGTTTCAAG	ACTACCTGGA	ATTCTCTGAG
208151	AACTGTTTCT	TTAAACAATG	AAAGGCTAAA	ATTACTCTTT	TCCGCATATT
208201	TTTAATTTGT	GTGGATGTAT	TTGAAAATCA	TGATAAAAT	GAGCTTTCTA
208251	TTGTGTTTAC	ATTTAGGTTT	CAGTCCAGGC	TGTTGTGTGCT	ATGAATTTAT
208301	GGGAACAATC	TTTGGTTTTT	AGGTAGTGTCT	TTGAGGTTAT	GTAATGAAAT
208351	GTTATATTGT	AATATTTTAA	CATTTTAAAT	GATTTGACAC	TTAAATTTTA
208401	TTATTTTTTT	TTATGTGCTT	TGGTATTTGA	CCTGCATGTA	TGTTCTGTGTG
208451	AAGGTGTACG	ATCCCTTGG	ATTGGAATTA	TAGATACTTG	TTAACTGCTA
208501	TATGGATGCT	GGGAATTGAA	CCTGTTTCTT	CTGAAAAAAC	AGCCAGTGCT
208551	TTTTAACATG	GAGCCATCTC	TCCAGCTCTC	CTCCTCTTAT	TATTTATTTT
208601	ATTATTTATTA	TATTACTAT	TACTAATGTG	TGCTCCAGAG	GACAACCTCT
208651	GAACAGTTGC	TACCTTCTTT	GATACAGGGT	CCTCATTTGG	CCTGGTGCTC
208701	ATGGATTAGG	CTAGCAAGCG	CCAGGATACC	TTGTCTCTGT	CTCCAGGAA
208751	CGGCATTCCA	AGCCTAGGCC	ACTGTCTCTG	CATTTTGTGT	GGTTCTGAAG
208801	ATCTGTTTCA	GGGCTTCATG	CTTATAAGCA	GCAGTTCCCA	ACGTGTGGGT
208851	CCAGATCTCT	TTGGGAGCCG	AAAGGCCCTT	TCACAGGGGT	CACAGGTCAG
208901	ATACCTTGAA	TGTTGCATAT	TTATATTACA	ATTCTATAGCA	GCTGCAAAAC

208951	TACAGCTATG	AAGTAGCAAT	GAAATAATCT	TACAGTTGGG	GGGAGGTCAC
209001	CACAGCATGA	GGAACGTGCT	GAAAGGGTCG	CAGCATTTAGG	GAGGTTGCGA
209051	GCCACTGTTT	ATAAGGCAAG	CTCTCTATTG	AGAGAGCAAT	CTTCTTGSTC
209101	ATATCTTGAT	CTTTATAGTA	TCCAAAAAAA	AAATTATTTT	CTGTGTAACT
209151	GAGTTAAGTT	GGAATCACTA	AGTAAAGATA	AGTGAGTTTA	AGAAAAGTCT
209201	GAACGTGTTT	CTTTACCCCT	TGTAATTAGTT	TTCTATCTTG	CATAACAAGT
209251	TCCCTCCAG	GTTACTTACT	GGCTTTTAGC	AAATACACAT	CTCTTCCACC
209301	TCTTGCTGTG	AGGTAGAAAT	TGGGGCGGGA	GGATGGCTCC	TACGCTGTCT
209351	CTGCCAGGG	PTGGGGCGGG	AGGATGGCTG	CTACGCTGTC	TGTACCCAGG
209401	GCTGGGGCAG	GAGGATGGCT	CCTACGCTGT	CTCTGCCAGC	GGCTGGGGCG
209451	GGAGGATGCT	TCTTACGCTG	TCTCTGCCCA	GGGCTGGGGC	CGGAGGATGG
209501	CTCCTACGCT	GTCTCTGCCC	AGGGCCTCAG	AAGGCAGAGG	CAGCGGCAGG
209551	CCTGGACTCT	TTTATCACTA	GGACTTAATC	CAGTTTGTTG	GTTGAACCTA
209601	GTTCACAGG	GATGTTGGGG	TGGGGGTGGG	TAGCACCAGT	TGTCTCTTAG
209651	CTGCCGTGGG	GTTCTTCTGA	GGTCTGCTTC	CTTTCATCTG	CACAGCCAGC
209701	AATAGCACT	GGGAGGAGCC	CGGATCCTGG	CCTCTCTTTC	CGGCTTCCCT
209751	TCCCGCAGAG	CTCACCGGTG	TCITTAGTCA	GCTGACTTAC	AGTAACCTTA
209801	ATTACACCTG	AGTGGTAGCA	AGTATTGTCC	CTAAGAGTTA	AAGGCTTGAG
209851	TGACAGGGCT	TTTGAAGTAG	AAATGGT'TTG	AAGT'TGGGT	ATCAAACCCC
209901	TCTAGACACA	GTTTTCGAT	GGTGGCAACA	GACAGAA'TTA	ATTTCATCCTT
209951	TAAAGTCTA	TTTAAACATC	TTAAGAATTA	ACTTTT'TTIT	TTTTTTTGTG
210001	AGATAAAATT	TAAAACCCCTG	GTGACATCAG	ATATTACCCA	TTAGTCACTC
210051	TTTTTGAGTT	ATGTAACAAT	AAATATTTTC	CATAATTGTT	GCCTCCTTCC
210101	CCTACCCCCA	TGAGACAGGG	CCTTACCATG	TAGCACCAGG	TGTCTCGGAA
210151	TTCCAGAGCC	TTCAGAAATG	CTCCCTGAGT	GTCACCATAC	CTAGCTTAGT
210201	GTTTCTTAA	ACTCAACCTC	TGCTTTGTAA	AATCTTCTCC	AGTCTTTGGT
210251	TTTTGATATT	ATAATGGACG	TTTACAGTAC	CTAAACACAC	ACATAATAAT
210301	ACTTGTGAGT	GCTTTTTCATG	TAAACTCTGA	TTTCAGCCTT	GGAGAATTTT
210351	GAATGPTACT	AACATAACTA	CTCTAGATTT	CAATT'TTTCAG	TGAGAAAAACC
210401	GGGTCTCCTG	ACTTCCCTGT	CATTAAATGAG	CTTGCAGCTT	CTTGT'TTGTG
210451	AGGCAAAATG	AAATGCTTTC	TTCATTTCTT	AGAGGCTCTGA	TGTCCTCTCA
210501	CATCTTACTA	GGCTTGCTTT	TATATTTTAA	TTTACTGTTT	ATAAAAATGG
210551	ATTACTATTG	CTTTTATAAAT	TCTATTTT'TT	TCTTTTCAGAA	AATGGTGTGT
210601	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTATTTTAGG	CAAGCATTTT
210651	ACTGCTGAGT	CAAAAAGTAA	TTAGCTTTCAT	AGTCACTTGA	AAACAGGAAA
210701	ATTGGGTTTC	TCTTGAACCT	GTCTTGTTT'T	GAAAGAAAGA	CATT'TGGTTC
210751	TTTCTTCTCTG	CTGAAAAGGT	TAACTATAAA	TTGCAACAAA	AGTCATAAAA
210801	ACATAGTTTT	GGCAGAAGCT	TAAATGGACA	GTCTGACAGA	CTGGAGGCAT
210851	CTGACAGGAT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CGTGGTGGTT
210901	CTGTTGGAGG	TTTCTCTGAC	GATTCTCTGA	GAAACAGGAAG	CAAGACTTGA
210951	TTTTTGTTT	GTTTTGTTTT	TTTTGTTTTT	TGCTTTTGGG	CTTCTGTGTT
211001	TGTAGAATGA	AAAAC'TTAG	CAAGGAAAAA	AAAAAAGAAG	TTTTCTCAAC
211051	TGTATACTTA	AACAAAAACA	AACAAAAACA	AACAATAAGA	ACTTTTTCAGC
211101	CCAAGAACTT	ATGGTATTCC	AGAGTTTATT	TTCAAGTTAC	ATACTTGTATA
211151	TTAAGGATAT	GT'TTTTCTCA	AGGAAATAAT	GTTGTCTATA	AAGTATTTTG
211201	GATTTTCAAT	AAACCCAAAA	TTCAAAAGAG	TTAAATCTAA	ATAAACACAG
211251	GACTTCAATT	TTGCACCCAG	ACCCTTGTGG	GACCTGTCTG	TGATGTGAGA
211301	CCTGTCTGTG	ATGTGGGCAG	GTGATGTTGG	CTCTGGGAG	GTTAAGGAAG
211351	GAGGATTGCT	GAGTTCAAGG	CCAGCCTGGG	CTACGGTGGT	AGGTTTTTAA
211401	ATGACAAACA	AAACAGATTTC	TGCTGCATTTC	AGATCTTTTT	TAAAGGATAA
211451	TATGTGTGTA	CAGCAGTTGT	TACATGGCCT	TGAGATGTGG	TCTGGAGAAG
211501	GCTTCTATTA	TCCAACACAT	TCATATTTCT	GCAGCAACTG	ATGAATATTC
211551	ACACACACAG	TGGCAGACAT	ACAAACTATA	AATAGTCTCC	TGTGAGCTCA
211601	GGTCAGGTTT	TGTCAGCAAG	CAAACTTAGG	CCTGGGGAGT	TCAGTTCAGG
211651	TCACGCC'TTG	CTGCCAAATG	AGTTATGAAG	AAATGCTCGG	CCTCAGAGCG
211701	CTGGGAGTTT	AGATCAGCAC	ATCTCTACTG	AACCTCAGCTT	TTCTTTTPTA
211751	GTAGGAAAAA	CTGCACTAGT	GTGAAAAGTT	CTGGCCATAG	TATAATATCA
211801	CTTTGTGATA	AAATATATTT	AATACCAAAG	ATTTCAGCCTT	CAAAACAGAC
211851	ATGTACAAGT	AACATTATAT	AAACTAAACA	GGTTTTATTT	ATTTATTTTAT
211901	TTATTTATTT	TATTTATTTT	TTGAGACAGG	TGTTCTCTGT	GCAGTCTGCG
211951	CTGTCTCTGA	ACTTGTCTCT	TAGACCAGGC	GGGCCCTCGA	CTCAGAGATT
212001	CCTTTGCCCTC	AGGTCTGAG	TACTTATATT	AAAGGTGTGC	TCCACCATGT

212051	ACAGCAACCT	CTGTGATTTA	TATATTTAGG	GGCATATGTG	TACACATACA
212101	CAAACACACA	CCACTACCAC	CACCACCAAC	AGCAACAATT	AAGGAAAAAG
212151	AAGCCATGAA	TTTGAAAGTG	AGCAAGGTAG	GGGGATACAT	AAGACAAGGT
212201	TGTGGGGGAG	GAGAGGGAAAT	GGAGGGAATC	TTGTAACTTT	TAATTAAGCTC
212251	AAAAAAGAAT	AAACAAATTA	TTAAAAGCCC	ATGATTCCCA	CCCAGGAAAC
212301	CATTGCTCTT	TGCGAGTAGT	TCAGTGGGAG	TGAAGGCGCT	TCCAGTAACC
212351	ACTAGGCTGG	TGCTGGTGGG	AGTGTGGGTA	CGGGAGCCAT	GGTCTGGGGA
212401	GTGTGTGAGG	AAACATGGGAG	AGCACAGGGC	AGGATCAGGG	ATTGACTTTTC
212451	CGTCTCCCTT	TATTTCTTCC	CTGCTTCTCC	TTCCTAATCT	TAATTTGTGG
212501	GATGTCAAGC	GGTTTGCTGA	AGTTGGAGAC	TGAAAGAGGG	GGGTGTGTGT
212551	TGTGTGTGTG	TGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAC	AGAGAGAGAC
212601	AGAGAGAGAC	AGAGAGAGAG	AGAGAGAGAG	AGAGCATGCA	CACCTCATGTG
212651	CACAAATGCA	CTTGTGTGTA	CTTCCCAGGA	TACTTGAGAA	GACTGAATGT
212701	GTTTCAGTGA	GCATCAGTGT	GGAGGAACTA	TTTGAATCCAC	AGCAGTGCCTC
212751	TTCCCTCATTG	AGCCCCACCA	CAGCTCTTTT	CTCAGCCTCC	TGGTACTGTG
212801	AGAGAGTCAG	GGATTAGGGC	CAGAGCAGAG	CTGCAGGTGA	CGCGAGGTTG
212851	ATAGGTCGTT	GATAGGTTTG	TCCGAAGGAG	AAGGTCCTCA	GACAGTGAGG
212901	AGAGCGACAG	CTGTGCTGTG	GGGGAATGGA	AGTGGAGGTT	GTCGTATCTC
212951	ACCTTATTAC	GGGCCCTGGC	CTTCTGCCTT	CCATAAAGTA	TGTTACTAAG
213001	ACGTTTCTAA	AAGAAAATAAT	CATCTCCGAT	CTCTTCTGCA	TTTGGATGAA
213051	ACAAGATGTT	TTGGGGACTT	AACCTGAAAT	GGTTGTCAAC	ATGAAGGCTG
213101	ATGTAGGGTC	TGGTAAGAAT	AAGTCTACGA	GAAACCCTA	AAAGTTGCAA
213151	AGAGATTTCC	CAATTTTATC	ATGGGTCCTG	TTTGTGGGAG	GCATCTGGGA
213201	TATTTATATG	AACCTCACAA	ATTCTCTCAA	TAACATTAAG	TGCTTAATAG
213251	GTGCTAGTCG	ACCATCTGGG	GATATGATGG	TTAATGGCAT	AGACAAGATC
213301	CTGTGTGCTG	GGAAACATTG	GAGAGTAGTT	TGTTTCGAAA	ATAACAAGAT
213351	CAGGAAGGGT	GGGTGGGTGA	GGGCTCCTTG	ATATGGGTGG	TTGGAAATGT
213401	GTCTGAGGAG	GTGACAAACGA	GGCTGGCTCT	ATCTAAAGAA	GAGCAGGGGT
213451	TAGCCATGAA	AGGCCAGCAA	GGCCAAAGGA	TTAGGAGCAA	CCTGTGCGGT
213501	CTCTGGGACCT	GTTAGTCATG	TTGCTGGAAC	TTCTGTAGTA	GGCGGGAGAA
213551	GGCCAGGACA	GACATTCTAA	GCTTTGCCAG	CCCTGGACAG	GAGTGTGGGT
213601	TTTATTTCCC	GAACATGAAG	CTCCTAAGGT	TTTTTTTCAT	TGGGGAGAAA
213651	GGCAATTTGC	ATGAGTCTAC	TTTGCTCTCT	CAGCGGATTC	CTGACGTGTT
213701	TTGTTTGTGT	TTAACCTTGC	AGGGTGCAAG	GTTAGTCCAG	TGACACATTT
213751	GCTTTTAACT	CAAAATACAA	CAATTTGAAG	TCACGTGTTCC	TCTTTTATTAT
213801	TTTTAGATTT	TCACCTCAAA	TACTATTATC	TGTCATGTTT	AGTGTCCTTT
213851	ACCGGTCAAA	GGACGCGCGA	GCAGTCATCT	CTGTAGCACC	CATCAGCTTT
213901	CCTGTTCTCT	TTGTTTGGGC	TTTCTACTTT	CTGCTTTCTT	TGCTGTATTAC
213951	AGACTTCTGC	CTTCTAACAC	CTGTGCCCCA	CTTCAGTGAG	CATTCCCCCT
214001	CACGCTTTTA	CGTGTGCTTG	CTCCTCCAC	TCTTTGGGACC	ATGATACTCT
214051	CTGATGTACA	TCTATTGCAT	GGCCTCTGGG	GGCATTCTTT	CTTGATGCA
214101	TCGCTTTGCT	TTATAAGACT	TGGTTCACTA	TGACAAACAC	AGAATGCCCT
214151	CTGTGCCTTT	CCGGTACTCA	GTTCTTGTTG	CACGAGTGGG	CAAAGCTGTT
214201	GGAGCACAGA	CAGCTGGGCA	TCTGTGACAA	ACTCGACTAA	CATCGTATCT
214251	TTTCTTAAAC	GCTTACTGTC	TAGGGAGGTA	CTTTAGCCTC	CAGAGTGAAC
214301	ACGTACCTTA	GAACCTTAAT	AAAGCAGGAA	ACATACTGCA	GAGAGGAGAC
214351	TGGGTATACA	TGTGACTTCT	GGACCCAAGA	TCCAGCCCCCT	GTGCCGGCCA
214401	TTTACTGATG	AATTTCTTCA	GGAAACAGAA	GCAAAGTCAG	TGTTGTGGAC
214451	AACCAAGTCA	GGGTTGAGTC	TCATGAACAG	AAATGATCTG	AAACTTGGTA
214501	CTAAGGGCAA	GGTGGAGGAT	AACCTTCCCA	AGTCAGCTGA	GGGAGGGGTC
214551	GTGTGAGGCT	CTACAGAGGG	TAGCTTTGAT	CTACTATATC	AAGATGGGGA
214601	AGTTTGTGCA	GATAGAAAAG	GTAATATTGA	TGGTTATGGA	TTTGGTTTGT
214651	CCTTACAGAA	TACTAATTAG	GCCTAGAAAC	AATTTAGACC	TGTATTCTTA
214701	CAGTCTCTCT	TTTAATTTT	TTTTATTTT	AATTTTGAAT	GTGTTTGGST
214751	GTATGTGTGT	GAGTGTGTGT	TTACACACAC	CAAGAGGGCA	TCCGATACCT
214801	TAGCCCTGGA	GTCCAGGCC	ATTGTGAGCC	ACCTGATGTG	GGTGCTGGGA
214851	GCTGAACCTA	GGTCTCTGT	AAGAGCAGTC	GATATTCTTA	CCCTCTGGGC
214901	CATCTCCCCA	GATTTCCCAG	AATTTCCCTT	TTAACGTGATT	CTATGTATTG
214951	TGTTCTTTGC	CACCTTGCTG	TCAATAATGA	ATTATATACA	TGTTGACGTG
215001	CACCTCACGT	GTATTGTGTG	ATAGATCATG	ACAGAAAATT	TGTTCTAAGG
215051	AATAGTTTAC	ATTTTCAAGC	CATCTCTTAA	CGTGTCCCAT	CCATTTTGTG
215101	GGAAAATTTA	CTGAAATCCA	TTTTCTTTAA	AACTATTTAC	TTAAAGTATG

215151	GGAGCTTTAT	CTGGTATTTT	CCACGATTTC	AGGGTCTTGT	TGGAAGTATT
215201	GTGCTCCAGC	AAATACTCAG	AGCACACTCA	CGACAGAGTT	TTCTTCATTAT
215251	GCTGAAAACA	GCAATTTGTG	TTTTTAAAGT	CTTCCTGTCT	GGTTTTCTATT
215301	GTTTGCCCC	GGCCTGCCCT	AGCCAGACAG	GCTATTGTGTT	TTTTCTGTGC
215351	TGCCTTTCAT	GCTACTGAAA	GAGATCCCGA	ACTCCCAAAA	TACAGTTTCT
215401	CTGATCATTT	GGGGGGGAAA	AAAAGTAAAT	GGCTTACTTTT	ATCAGGTTTG
215451	CTTAATAAAG	AAAAATAGGA	AAATAAATAA	AAAGCAATTA	ATACACAGGG
215501	CTTAGTATAT	AGGTTTTGTG	ATACCCATGA	GCCTCCTCTC	CCAGCTCGTC
215551	CAGCTCTGCT	TCTTTTTTTT	TCGGAAAGT	CAGGCTCCTC	AGACTACAGT
215601	TTCTGGATAA	GTGAGCTTAG	TGTAACTTTT	CCTTTGTTGA	TTTTGAAAGT
215651	CTGTAGGAG	ACCTGATTAA	AGCGTGCTCG	TTTTAGCCCA	GTCTCAGAA
215701	AGCTCCAGCA	GTGTTGGGGC	GCTGTCTGCC	CAGCTGCTCT	TGTAAGAGAA
215751	TGGCGAGGAG	GAGGAGGAGG	AGAAAAGGGG	GGGGGAGATG	CCAGGGAACA
215801	TCAGTGTCTG	GGAGGGGTGC	TGGACGATTC	CTCTGGCTGT	CAGAGGGCCA
215851	TGGAGCAATT	GAGGTGGCTA	TTGTCGTCTT	ATGTATGGGA	CAGTATGGG
215901	CTGTAGGAG	AAAAGAAGAG	GAAGTGTGGG	TAGGGAAGCA	CCGGAGCTTA
215951	GCCTGCATTG	GAGACAATCA	CAGGGCAGGC	GTTAGACCCG	AGACTTCACG
216001	GTACATTAAT	GATTGGAGTT	CATACCCACC	CCGTTTTTGC	TAAGGACTGA
216051	AGTTTATTAG	TTCTCTCCTG	GCTACTGGTG	TGACTGTGGC	AGACTTACAT
216101	CAAAAGGTGC	ATTGACTGTT	ATTACAATTA	AAACTAGTCA	CCACCCACC
216151	AGCGAAGAA	CCAAGATATT	TTGAGATTAA	AGCTTACATG	GCTTAGAGG
216201	TGAGCTGAGA	TATCCCATCA	TTACTGGGAT	GAGATCCCCA	TCATTACTGT
216251	ATTTCTCAAA	CAGATAACCC	TGGGGGTGGT	TTTAGAAACT	TATCGATTTT
216301	ATGGGAAGAA	AAACAACCAAC	AACAACAACA	ACAACAACAA	AGACTCAAAA
216351	AAACCCACC	ACATATCTCC	AAATCAATTA	CTAAATATTT	CTCATAGGAC
216401	ATCAAGAAAT	AGAAATTAAC	TCATTTCTGT	TATTTAAAT	ATTAGTGCGT
216451	CCTTATAGGC	CACCTACAGT	TTGGGTAAAA	TGAGCTTGTC	TCGTGAGTCA
216501	AGAGTAGTAA	ATGCAGTGGG	TGTTTTTACA	GATGGCATTT	TGCACATGCT
216551	CTGATTTGCT	GCAAGCCTAA	TTTTATAGGAG	TATTTGGCCA	TTTATTTTAG
216601	ATTTCTTGCA	GCTTGATCTG	CCAGTTAGAT	GGACTCATAC	GCAAAGACCT
216651	CAAGCCAGCG	GTGCCCTAGA	CAGCTTTGAT	CTTTTTCTTT	TTCTTTCTGT
216701	CAGGAAAGGA	AAAGCATGGG	ACCTTGGGAG	TGGATCAGTC	ATCCAAATTC
216751	AGATAGGTGC	TGTTGTCTGT	TGTGATTTCT	TTGGGCTCTG	TTCTTCTGAG
216801	AGATCTCCAG	AGGTTTCCAG	GAACCTCAGG	GCTAAGAAAT	ATCTTACCGA
216851	GAATTTGAAA	ATATCTCCGC	ATTTAAATTT	GTGTGAGTGT	AGAGTTGTTT
216901	ATGACTCTTT	AGGTTTGTAG	GACCAACAAA	ATAGAGAAAG	GATTGTGTTT
216951	ACATAGTGTG	CTAGTTACAA	ATGTTTGCTT	TTATTGCACA	TGATGTAAAC
217001	AGAGTGGAAA	AAAACCACAG	CAGTAATAAT	CGTTGATATA	ATCTTGGCTT
217051	GAAGGTAGGG	GGAACACGGG	GGGCAAGGGA	ACAGCACAA	AGAGAAAAAT
217101	ATCTGTTACC	AATTACAGCA	AAGTTACTAC	ATAGTTAAAA	AGAAGTTGTA
217151	CATATGAATA	AGAAATAGGAT	GCTCTGCTAA	CTCAATCAAA	AGGGAACCCG
217201	TCGTTTTTCT	TAGGTACTTG	ATGAGGGAGA	ATTCCTCTGT	CACGATTTGC
217251	TTGAAGAGTG	GATTATTTTG	CTTTGTGAAC	CTCTTCAGTC	CGGCTCTTAC
217301	AGAATACCAT	TTGGCTAATT	TGAAACGGTT	CCAGTTCTGG	GCTTGGTTGA
217351	ACACTGCCAG	CCAAAAGCCT	GCCTGTCTGT	TTCCATTCTG	ATGCCTTCCT
217401	GCCTCTCGTG	CCCCCAACCC	CTATCCTGCA	CCCAAGGAAA	GAACCTGATA
217451	ACCATGGTTC	TCTGCCTTAG	GAAGCTGTGG	CTCCTTCAAG	GTGCCCCCTT
217501	CCGTTCAGCT	CCAGAAAGCG	AAGCAGCAGG	AAAGCAGGCA	GCTCAATCCA
217551	ACCGGGATCA	GCAGATGCTG	CCAAAGTGGG	AAGCAACAAA	GGCAGTCCGT
217601	GGATTTCAG	GAACGGGAAT	TATTGGAAAT	CTGCTCTTTA	CAAAATAAAC
217651	TGTGATTGGG	AGCCGAGCAC	CCTCGCAGTC	CCTTCTCTTT	GCTGCGGGAG
217701	TGTGGCAAAC	AGGGTATTGT	TTGGCTTGTC	AAGGTCAGCC	CGGCTAATTG
217751	TAGATACAGT	GGACAATAAT	CTCTCTTCCA	GAGAAGTGGT	GAATACCAAT
217801	CGTTTGTCT	TCGGGGCCCC	AGCATAAGCA	GTGCAGGAAA	GTATTGGTAG
217851	CATTGTTCAA	TCAAGTAGGA	AGAGGAAAAAG	GAAGGAATAG	AAGTGCAGAAA
217901	ACGTAGGCCA	AATGGAGTGA	GAGTCAAGAG	AGACCAATTG	CCTGCTGCTA
217951	TGCTGGGTA	ACCATCTCCC	AAAGCCTCTC	CCAACCCCCA	CCCCACATTT
218001	GGTCAGCAGC	TTGCAGTTCT	GTGGGAGGT	TCATTAGAGA	GGCTCATATT
218051	GGAGGCAATA	GAACCTTTAA	GAGGAGTGGC	CTAGTGGAGG	AAGTTGAATG
218101	CATGGGGGTA	GGCCCTGGGA	GAGGATACCG	TAGCTCTAGC	CCCTTCTCTT
218151	TTGTTTCTTG	GCTGCCAGGA	GGTAAGAGGT	TCCTTGCGCC	ACACTTCTTT
218201	TCCATGGTGT	GCCGCTTGA	CATAGGCGCA	AAGCGACCGG	GCCAACTAAT

218251	CATGCGTGAA	ACCTCCCTTC	AAATGGTGAC	CCAAATAAAA	CCATAATGTT
218301	ACTGTCTCAG	GTTGTCTGTCA	CAGCAATCCG	AAGCTCTCTAG	CTTGATAAAC
218351	AGGTCTAAC	CAGTGGTTCT	CAGCCTTCCT	GATACTGCGG	CCCTTGAATA
218401	ATACAGTTTC	TGATGCTGTG	GTGACTCCAG	CCATTCTGTG	GGGAACCTGGG
218451	AATAAAATGG	CCAACAGTGT	AGACATGCCC	ACCACCTCTG	GGGAGCTTCC
218501	ATGCTACAGA	AGGCTACAGC	CCAAGAAGAG	CGTGCCTGAAG	GAAACAGCTG
218551	GCAGTAAACG	AGCGAGTCAC	CTACCCATGC	CTCAGGAAGA	CTCCCTTGAA
218601	ACAAACAGTT	GAGGAATTAC	CTGAGGGATG	AGAAGAAGAG	CAAGAGAGCT
218651	CCAGCCAGTG	CAGCAGCAGC	GGGTCCAAGC	TCTGAGGGGG	AGTGGGGTGC
218701	GCCATGGCAG	TACACCAGTC	AGGGAATGAG	TATGCAAGGA	GCCTPAGAACC
218751	TTCACATCTG	TGGGTTCTAC	CCTAGCTCTA	CTAGCTGTCA	CTGAAAGGGA
218801	CAGTAGTGCT	GAATTATTGC	TTTCAAAAGT	TCAGTCTGCT	GGATCTCTGT
218851	CAAAATACATA	TTAGAATAGA	AGTATGGAGA	TCATATCATC	ATCATCTCTA
218901	TATCTATATA	TAAAAATGGAG	AAGGTGTTAT	GAAACAAGTG	ATGATGTATC
218951	TGATCTTTTA	GAAATGATTG	GAATTCTGAC	AAGCAGATTT	GGAGAAAAATA
219001	AGATCTCTAG	AGAGGGTGCA	GGGTGACCAA	GTGTGGGGCT	GAGCGACAGG
219051	AGGCAAGTTT	GCACGTGGGC	CAGCATGAAG	CAGCAGTGGG	GACAGCAGCT
219101	GTGAGCAAGG	AAGATGCTGG	TCCCTGCCCC	GCTATGAGTG	CTCTTTAAAGG
219151	CCAGGCCACG	CCTACAGGGG	CTGCTTTAAA	TTTTTAAATG	AAAATTAAT
219201	CCGAGGGAGT	GCTTTAAAAA	TTTATCTCGG	CACATCTCAG	TATACCACAG
219251	AGAGTTCCGG	TGTTGTGTTT	TGTGCCGATT	TAAACCCTAT	TAGATCCGTA
219301	GTGAAATTTG	GACTTTCAAC	AAGACGCCCT	GGCATCAGGA	TCTTTCATATA
219351	ATTTGCCCCA	CTCTGTGGTC	TATAGAATTT	CACATCTACT	GTCTAATATG
219401	GCTGAGCCAA	GTCCGGTCATG	GTGGCATCTG	AGCCAGGAGT	ATGGCTATGA
219451	GTTCAAGGCT	GGCTGTGCTA	TAGTAGAAAA	TCCTGTGCAC	AACAAACAAA
219501	CAACCAAACT	CAGCAACAGC	AGAAGAAAAA	CAGGCCAAGC	GAGGCATGG
219551	ATGCAATGGG	GCTTCTCGCG	CAGGAACCTA	AACTTGAAGG	TTTATATCTT
219601	GGTTAATTTG	TCATTTCATT	ATTCACCCAC	TGTTGTGTTAA	CTGAGCACC
219651	GCACCTGTTG	AAGTACTTAC	TCTGGGTGAG	TGAAGGGCTC	CTACGCTCCC
219701	TGTTGAGCCCC	TTACCCAGTAG	TGAGGGTTTG	GTGTGATPTC	TGGCGTTAGC
219751	CCAGGTTTAGG	AAGTGACAGT	AAATAATGAT	CAAGGGAAAG	GGCTGTGTAA
219801	GCAGATATCT	AGACCTGCAG	TGACGGCCCTG	TGGGATACAG	GTTTGAGTGA
219851	CTTGGGGAGA	GGGCCGACAG	GATCTGGGCG	CAACAGGCCA	GTCAAGAGCA
219901	CGGGCAGGTA	AGAGGTTGACC	GGCTGAGCCA	TCCATCCTGC	CTCTTGTCCA
219951	CCTCTCAACA	GAAAGATTGA	GGCACAGCGC	CTTTAAATGT	CTCCAGGTGA
220001	CTCTCAAGTG	GCTTTGGGTT	TATTTCTGATT	ACACCCAGAA	GCTTTCCAGA
220051	GGAGAGTGAG	AGACAGAGCT	TTATTTCTCGA	AGAACCACGTG	GAGCCCCGAGT
220101	GCAGTGTGAA	ACGCAGCCAG	AGAGAAGGAA	GGGTGTCTTC	AGGGACACAG
220151	GAACTCAAA	GTTGATGAGA	GAAAGGGAAC	GCCGAGGGCA	CCCTGAGGAG
220201	CGGTGGCGCT	GGGGTAGCAG	GGAGTGCAGC	TCAGAGGGCG	ACCTAAAGA
220251	TGAGTTTCCA	GTGTGGCGAC	CTCACAGTGG	TGCAAGTGCA	GAGGTCTCTT
220301	CCTGCGTTAG	GGACAACATC	AGGAAGGGAG	GTCGCGGCCA	GGGAGATGGG
220351	CTFCCACCGC	CACGCCCTCT	TGCTGTCCCA	GGATGCACCT	CTCTAACTCC
220401	CTCGCTCTAA	AGCCTGGTCA	GGATGCACCA	CCCCFCAAGC	TCGCCAATCT
220451	TCTTCCCAGC	AGAGCTCATT	GTGTCCAAGG	GCTATTACGAG	TGTTAACTAC
220501	ATTCTGTGAC	AAATGGGAAT	AAAGAGAAAA	TTCTCCGTAA	TTTTTCTCAT
220551	TCTAATTTCC	GGCTTTTCAG	TATGCTTCTG	GGTCTGACT	GATTTCTTGC
220601	TGACTTTTAA	GGGAAAAAAA	ATGCTGTCCG	GGCTTTAATC	TAAAGAGCA
220651	GATGAATACT	GCAAATTCAG	AAAATTGCTG	TCTTTCTGAG	GACGAGCTTT
220701	TGCTTTCTCTG	CCGTGTTCTG	TGCTTTGTGT	TCTTCTAAT	AGAAGGAGAC
220751	ACCACCCGGC	CAGTGAGACC	TGAAACAGAA	ACCCGAGTCA	GCAGAGTCAA
220801	AACCAACACG	CTCAAAGTGC	CTTAGGAAGG	TTTACTTACTT	GGGAACATTT
220851	TTAAGCCGCA	GGAAACTCA	CTGCTTTTTA	AGCAACACGC	GCTCTCTCAG
220901	CATCTTGATC	CAGGCTGGAT	AAGGTACCTG	GAGGTTGGTG	TGTGATCTTA
220951	GCCATTGCCC	AGTGCAATGC	CTTCACCCAA	AGTTCTATCG	CTTCATTCTT
221001	AGGATGGCTC	AGTGGGTAGC	ACTGAATCCA	GAAAGCTTGG	TCCTTGCCCTC
221051	TCTTGGTGGT	GAGGCCCATG	AGCCATAGAT	TGGCTCTCAC	ATATTTGGAA
221101	GCTGAGCTGG	ACTCTAAGTG	ACTTACAGGC	GTTTGTGTAG	TGCTAGGTGT
221151	TAGTATTTAG	ACTTATTTAC	TTATTTTAGAA	CTGCTAACAT	ATGCTGTGAC
221201	GTGCCACACT	ACGAATAGGG	CTTCTCCCTT	CTGTTCCCA	ACCCTTGGTT
221251	TCCCTTCCCA	GAGGCTGTGC	TGGTTTCACT	CCTATAAACA	GGACAAGGCC
221301	AACCTTCTCTG	GTCCTGCTTC	TTGGGCAAGC	GCCTCGAGTG	CTGTTTGTCT

221351	CTGAGGAGTT	ATGCTCACAC	TCGGGCTGGA	ACACAAGTGG	CTACACAGCC
221401	AACAGCACAT	CAAGACCGGT	GCAGAAGACT	GCTAACTTCA	GTTGTTAAAT
221451	CTCCATAGCA	ACTGGGTGGT	CTTCTTCTTT	TACCGCTGAA	GAAGCTGAGA
221501	CTCAGACTCA	GGCAAAACACA	CATACCCATA	GCCATCTCTC	CTCTACGCC
221551	CCCAGCATGG	AGGAGGAGGC	GGAGCTGACT	TCGTGAATGGC	AGCTTTCCCC
221601	ACTTACTGTG	CATGGGACCT	TGGGTGGGTT	ATGACTGCTA	GGACCGTACT
221651	AGCACATTTG	CCTCTGAGTT	CTAAGTGAAC	CAAAATGGGCA	CAGAGCACTT
221701	AGAGCCATGG	CTAGTCCAGC	GTCAACACAC	TGGTCCCTGT	GATCTGTCTT
221751	AGCCTCACAC	CGGTTTATAG	CCCTCCTCCT	TCCTTCCTTC	AGCCTAGACT
221801	GTCAAATACG	TGGCTTCTCT	CTTGGGACCT	TGAAGGAGAG	GCTGAGAAGA
221851	GATCTGGCAG	CTCTGGAATG	AGCGAGATGT	TCCTGTGGGA	TGCTGCTCCT
221901	TATAGGGGAG	GGGGACAATG	GACTGGGTGT	GTGTCTTACA	CACATGGACA
221951	GGACAGAAGC	CAGCCATGCC	TCACGCTATC	TCTGTACCCC	TTGGAGTGGC
222001	TCTTTTATGTT	CTTTTCAGTAT	TTCTCTTTTC	CCCTCTGTGC	TTTTCTTTTG
222051	AATTTTTCAT	TGGAAGGAGG	GAATATAAGT	TTTCTTGCTG	ATTATGGAAC
222101	TTTTTTATATA	AGTTTGTGTG	TGTCCTTTTT	GGTGTGTAGG	AAATGCTGCT
222151	CATTAAAATA	TTTAACAGCT	GGCATGGTGT	GCACACGCC	TTATTCGCCG
222201	CACCTTGGGAG	GCAGAAGCAG	GCGAATTTCT	GAGTTCGAGG	CCAGCCTGGT
222251	CTACAAAGTG	AGTTCCAGGA	CAGCCAGGGC	CACACAGAGA	AACCTTTTCT
222301	CAAAAAAACA	AATATATATA	TATAACAAC	ACCTTTATCT	CCTAATATTT
222351	TTATTTTCAGA	GAATTCATC	CGGTGGAACC	TAAGACTTTC	TGCTGATGTT
222401	TAGGAAGGTT	AAATACATAG	ATAAAAGCCA	TCCATTTAAT	CTTTGATTAT
222451	TTGAGAAATA	GTCTTTTAAT	AGAGCTATTA	AAAAGTTGTC	TTGAATTCAG
222501	AAAAATTTTCA	GAATTCAGAA	GTTAATATGT	GTAATTTAGT	CTACCTGAAC
222551	TTACAAGGGA	AAGACAGAAA	ATTTCTGCCT	TTTTTTTTTT	TTTTTTTTTT
222601	TGGTCTTAGA	CAGTCTCACT	GTGTGGCTGA	CCTGGAAC	ACTGTGTAGA
222651	CCAGGGTGAC	CTCAGACTCA	CAGAGGTCTG	CCTGCCTCTG	CCTCCCCAGT
222701	GCTGGGATCA	AAGGTGTCTG	CCCCACACC	AGGTCCAGAG	CTGGTTATTT
222751	TTTGAAATTA	CTGATGATTG	ATTTATGTTC	TTGTTGTACC	TGAAGACAAA
222801	CATTGTTTTA	GCACAAATTT	CCCCAGCTC	AGGAAGTAAA	AGAAATGGAC
222851	CAGTTTATTT	GAGAGGTCAC	TAGAAAAACG	CTGGTTTGTG	CTCCAGTACA
222901	TAGAGATTTT	AGTAAATAGC	AGCCTCCCAT	TAGGTTTGCA	CAGTACTTTA
222951	CGGCAATATAT	TTTTTCTGCA	AGTGTGCGAT	TCATTTAGCC	CTCTGGACTG
223001	GCTGATTTTG	TGTTCTCACT	TGACACAGGC	TGGAGTTATC	ACAGAGAAAG
223051	GAGCTTTCAGT	TGGGGAAGTG	CCTCCATGAG	ATCCAGCTGT	AAGGCATTTT
223101	TTCAATTAGT	GATCAAGGGG	GGAGGGCTCA	TTGTGGATCT	CTGGTCTTGG
223151	GTTCTGTAAG	AAAGCAAGCT	GAGCAAGCCA	GGGGAAGCAA	GCCAGTGAAG
223201	AACATCCCTC	CATGACCTCT	GCATCAGCTC	CTGCTTCCCTG	ACCTGCTTGA
223251	GTTCACAGTC	TGACCTCCTT	TGGTGATAAC	TGCAGTGTGG	AAGTGTAAAG
223301	TGAATAAAACA	CTTTCTCTCC	CAACTTGTCT	CTTGGGCCTG	ATGTTGTGTG
223351	CAGGAATAGA	ACCCCTGCCT	AAGCCACCTT	CTGAAGCAGG	CAGAACCAAA
223401	GTTGCTGATC	TATTTTACAG	ACCACAAAAT	CGCTTTCTCC	AGTAAACACA
223451	GATTTGCTGG	GTGCCTCAGT	GATGTCTGTC	TGCTCTGCAG	CCCAGGGAGG
223501	GGGAACCTGGT	TGGGGGGCTT	GGGGAAAGCC	TCACGGCAGG	AGAGAGGGAG
223551	TCAGCAGGCT	CTGGGTGTGC	TGCCTAGATT	TCAGTTCCAA	AATTAAGAAC
223601	ACAACTTCAC	TTACACCAGA	AGGAGGCTGG	TCAGTGTTTA	TACAGTGTGT
223651	CTGTGACAGA	ATACCAGAGC	CAGTCATAGG	GAGGGCGGGG	CTATCTGTAT
223701	CCAGCCGTAG	GGAGGGCGGG	GCTATCCTGA	TCCAGTTGTA	GGGAGGGTGG
223751	GGCTATCCTG	AGCTAGTTGT	AGGGAGGGCG	GGGCTATTTG	CATGGCGGGG
223801	GGGGGGGTGT	CTTCAGAGAT	TCCAGCAGTT	GCTTGGCCCTG	TTGCTCTACT
223851	CTCATGGTGT	CACAGTAGCA	CAGGGTGAGG	AGCTGCCCTA	TGCCCATGGT
223901	TATCATGGGC	AGACTGCCCT	ACTAAGTGCT	CAGTACAGCT	TTCTCTCCAC
223951	TAAATTCAC	CTCATCAAGG	CTCTGCCACC	TCTTAATAGT	CCCTGGAATG
224001	ACACTAAACG	TTGTATCATG	TTTTAACCAG	TAAATTTTGC	TTATGTTCTT
224051	ATCGTCTGTT	CACATTCCTT	GAAAAAAATT	AACAGAGACC	GGTTCAAAAA
224101	AACGTATGGA	GAAAAATGCT	CTCATTTGACT	ATTTATTCAG	TTTTTTTTTT
224151	TCCCTGCCGT	GTATGATTTT	GACAGAAACC	CTGGGTTAGG	TTGGGAACCA
224201	AGCAGTCTTT	GGAGACACAG	TAAGAGCCAC	CGACAGAGAT	CTCTGAAAGT
224251	GATTGAGATT	AAGACGGCTA	AAAGTGCCTT	GCTGCTTTCT	GATGAGCGTT
224301	TGAATCGTTC	TTGATTCATC	TTGAAGGGGA	CGGTTAACTA	GAACGTCGGT
224351	ATACGAGATA	TGGCTGATAG	ATCTGGAAGC	CACCAACACT	CTCTGCTCTG
224401	CTCTCTGCTC	TCCTCTGCTT	CTGCTTCTGC	TCGCTTCTGC	CTCGCCGTCT



224451	TTTACCCACC	GAGTCTCAGG	TTTATTCTGA	GACCTTTCCC	CCCAAGCCTT
224501	CCTTAAATGC	ATCTGACAGC	TCCGTGGTGC	TGGGCTGTGT	CTTCTGTTC
224551	CCGCGCCCCA	CCTGAGACTG	ATGACAAAGT	CTTTTGTCCA	TGCCATGCAC
224601	AACTTTGTGC	TCATGGGGAG	CCAGTGAATC	ATCTGGTGCC	CACTAGAAAC
224651	TTGGAGAGTT	GGGAAGCCAG	CGCAGGTGCT	TGACGCAGCT	CCACGAAGGC
224701	TGAGCCGAAT	GCTGTAGTAG	CCGTATTCA	TTCTCTCTCT	CTCTCTCTCT
224751	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTGG	GTTTGGTCTC
224801	TGTGTCTTTC	ATTTTGGGGG	ACTTTCTGCA	TTATGATTCA	TTTTTATGCT
224851	TTTCTGTAGA	AAATTTGTGC	TGATTCTTTT	TAGGCAAAAT	CTAAAGTTAA
224901	CTTTATCTGG	CCACTATTTC	GAAGTCTTCC	TTATGCCCTG	GAGATCATTC
224951	AGGACAGATA	AGCACAGAGC	TAGATGAGGC	TCTTCTCTCA	GGAATCGTCT
225001	TGGGGTATCT	GCTCCTGAGC	TAAC TCAAC	AGTATAGATG	GTACAGGTAA
225051	ACAGAGACAA	TTAACACCCCT	CTGACTGGTC	AGGGGAAGAG	GTTACAGATT
225101	CAAGGCTTCC	CTTTACAATA	ACAATATTTA	GAACACCCCT	GAAATGTGCT
225151	TTAAAGATGG	AGGGGGGTGT	CAATAGAGT	ACATACCCCT	GGAGGAATAG
225201	AACTCAGTAA	TTAAGATGGA	TTGACTAAAT	TTTTCCCTCG	CTTTATAGCA
225251	TAGATGATGA	AACATAATGT	AAAAGGAATT	AGCTATTAGT	ATTTGCTAGT
225301	CATAAAAAAG	TAGTTTCTGT	TTGTCTGGAG	CGCTTTTCAA	CTGCAAAACG
225351	TGCCAGCCAA	AAAGCAGGCT	GTCTCTCAAT	AAATGTGTTT	GGTTTGGAGG
225401	AGACATTTCT	TAGATTCTTT	ACATTGGAGT	TATAGGGCTG	ATAATAAAAA
225451	TAAAACTGT	TTTGTTTGTA	TTTCTTTATT	GTGAACCTTA	TTGTGAACCT
225501	ATAAACCTGA	ATATGTAATA	AAAAAAAATC	AAACACATAA	TTTGTACTTC
225551	TTGGATTTACC	ATTAGTCTGC	CTTTGTCTGT	TGAAATAAAC	AAGCAATCTG
225601	ATTGCTGGTT	AGTCAGAGCT	CTGAGATTCT	TTGGTCCATT	TGCACCTGAC
225651	TTCTCTCCCT	CGCCCACTTC	TTTGCGGGTC	AGCATCTAGG	GAAGGCCCTC
225701	GACAGTTTGG	TATGTATACA	ACTGCCATT	TGACTGAAC	AGAAGCTACA
225751	ACCGTCTCAG	TCCATCACCT	GTAAC TGTG	CGTGCTGTTG	TTTGTGTGTT
225801	CCATTTCCTT	GGCTGCTGCT	TTGTGTGCTC	TATTGACCTG	GCAAAAGCTC
225851	TCGTTCCCTT	TAGTTCTTAC	TTCCCATTTG	CTAGGGGTTA	AAAAATAGTT
225901	CAGGGTGAAG	CTTGCTCTGA	CAAGGATGCC	CAGGCTCTCT	CTTTTCTAAT
225951	TAACCCCTCC	ACCCCACTCC	CCGACCTCG	GCCACCAACA	GAAAGCTGAA
226001	GTTTTCAAGT	TTAATAGCTT	AGCTGTCCCT	GGTTAGGAAA	GTGCCATAAA
226051	GACAGGAAC	TTGTGGGATT	CATTCCCAAG	TCCTTGTGTT	TGATGCCCTG
226101	CCTGGAGCTT	AAGGAATTTA	ACCTCCCTGT	GGGGACGTTG	GAGATGTGTT
226151	TGTCAGAGAT	CAGTGGTTCG	ATCTAAC TCA	TCTTAGAATG	CTTCTGGGCT
226201	TATTTCCACA	ATTATCTTCT	GCACCCGACC	CAGGCAGAAA	GCTTATCGCC
226251	TATGCCCTTC	AAAGTGTCTA	ATATGTAAAC	GATCCCAAAC	AAGCTTATCT
226301	GTGATCTCCT	CATACGCTTT	CCCTTCCAGA	GCTTTGGTGA	AGTGTTAGCT
226351	ATTGATCCCT	GTCTTTCTTT	CTGATAAGCC	TCAGTCCAAG	AGGCTCCCTG
226401	TATGTGGAGT	CCTTCCCTGC	CATCAGGGTC	TCATTATTCC	TGCATCCTCC
226451	CTCCTTGCTT	TGTGTCTCCT	CAGCATGTTG	CCAGCAGGCT	GTGCTGTGAT
226501	GCCTTGTATT	TCTTGTATT	ATTTGTACAT	CATGTATACA	TTTGTCTCT
226551	TTCTCTTGCT	GTCTTGCCGT	TTTTTCAAGC	TGATACTTAT	TGAAGCTGAG
226601	TCGTGTGTAG	CACACACACA	CACACACACA	GACCCGCCCC	CCCCCCCCAG
226651	CTGTGCTTTA	GAGCCGAGAG	GTTTCATGCT	AATTCTCCA	CTGTGTGTTT
226701	GTGATAGGTA	TATAGGTTAA	AAGCCAGTTT	TAGAGAGGGC	CGATGCTTAA
226751	GCACGTGTGG	CTGTAACTA	GCAGAGCCAG	GTTGTGGATC	TTTTTGCCCGG
226801	GGGGGGGGGG	GGGGGGACCG	GGGACGGGGA	CGGGGACGGG	GACGGGGACG
226851	GGGACACGGG	TCTCATTTCT	GATCCCAAGC	TGCTGTCAAG	CTCACGACCC
226901	TCTCTGGGTC	GCCCCGTGAG	TGCTGGGATC	ACAGGCACGC	ACTACTGTCT
226951	TAGCTTGGAG	TTTGAACACT	GACCTAGTTA	GTTGTGGGGA	TTTGGATAGT
227001	AATGGCGCCC	GTAGGCTCAT	ATAATTGAAT	GCTCCATTGG	TCACCGAGGA
227051	ATGGTGCTGA	GTTGGGATTG	GGGCGTGGCC	TTGTTTCGAG	AGGCGAGGCC
227101	TTTGGGAATA	GGCGTGGCCT	TATTGGAGGA	AATGTTTAA	TGGGGATGGG
227151	CTTTGAGTTT	TCAAGGCCCC	AAGCCAGGCC	GAGTGCTTTT	CTCTTTTCCC
227201	TATACCTGGG	GTTAGCTACC	ACATTGCGCT	CGATGCTCCT	GTGCCCCACG
227251	CCATGAGAA	AATCTGACAC	TGTGAGCAAG	CCTCAGTTCA	ATGCTTCTCT
227301	TTTGTAAAGC	TGCTACAGC	CACGTTGTCT	TTTTCATAGCA	ATAGAACATG
227351	AAC TAAAGCA	TTTGTTTAAA	GATGTCATCA	TAGTTTCACAC	TTTCTGCTTC
227401	CAGCAGTCAC	CACCATTTCT	TAGGAGTCCA	CCATAGAGAG	CCAGGCATTT
227451	TGGCACACGC	TATTAGTGCC	AACACACAAG	CAGAGGGCAG	GTTAATCTGA
227501	GTTTGGAGAC	AATGTAGCCT	ACATAGAAAG	TTCCAAGCCA	GACATGCTGA

227551	CACAAATGAGG	CCTTGACAAG	AGGGGTTATG	AACAGAAGGC	CATAGAGAGA
227601	TCTTGTAAACA	GGCTTTGATG	GACTTGAAGT	GGCATTTTGT	TTTGTTTTGT
227651	TTTGTTTTGT	TTGTTATTTT	TAGACAGGAT	TTCAACCCT	GATCCTAGCT
227701	AGCCTCAAAAT	TCAGAGACCT	GCCTGTCCGT	GCCTCCCCAG	TGCTAGGATT
227751	AGCTAGCTTG	AAATGATGCA	TTTTTATAAT	ACAAGTCCCC	TGGAGAAACA
227801	TACACACAAG	CAAAATCAAAAT	TTAACCTCAC	CCAAAACCTT	TTCAATCAAA
227851	ATAAACATGT	ATTAACACAT	CTAGTCTAGA	CAACTGTAT	CACATTCGTT
227901	TTTCTATGTG	TCTTTGGCAT	ATTTATATGT	GTGAGGGTAC	ATGAGTGGTG
227951	TGGCATGTAT	GTTGAGGTCA	GAGGTCAACT	TGCAAGGAGT	CATTCTGTCC
228001	TTCTACGGTG	TAGGTCCTGA	GGATGGAAC	TAGGTTGTCA	GGGTTGGTGA
228051	CAAGTGCCTG	TACCCCTTCC	GCCATGTTGC	TGCTCTCTGT	AAGCATACAT
228101	ATTTAATAAG	GGTTCACACT	CCCCCTTAGC	CCACCACCCA	CCAGAGCCAT
228151	TGGAAAAGGA	ACATTAATGG	GAATCAGGGG	TCGTGAACCT	GTTTAGAAAC
228201	TGTTCTTTGG	ATGATTGATT	CCAGTCTCTG	TCATCAGTAG	CCCAGCCCTA
228251	TAGCAAAGCA	CCACCAGGAA	TCAGCAGTGA	CAGTGACAGG	AATCAGCAGT
228301	GACAGTCCAC	TCATTTCAGC	AGTCATCTTT	TAAAGATTAG	CAGTGGCAGT
228351	TAAATCCAGA	AACCTTGAGG	CTCTGCTAAT	GGGCCGGAGT	CCAGTGAAGT
228401	GTCAGAAGAG	CGCGGGAACC	TCACACGAGA	AGTTCCTTGT	CGAGTTTCTC
228451	CCTGTGAAGT	CACCAAAAT	GTATGAAGCT	CAGCAACCCA	ATGTAAAGGTG
228501	AACCGATACA	TGAGTGTCAA	CAGGGAAGAC	TAGCGAGGCA	GAGCAAAAGCG
228551	CACTGGCCCG	AGGCTGGAGC	TCCCGTTGTC	TGTTAAGGTCA	TATTTATATC
228601	CCTTCTAAAT	GCCACACATC	CTTTCATGTG	TCTGCTGTAG	CCAAACAGCC
228651	TTTCAACCCGT	GTGCCCCCAG	AAAAATCAT	TGTACATAAA	TGACTTTTCCA
228701	AACAAAACAG	AAGTTTCTAC	TTCAACCCCG	CCTCCACCTT	TTGGTAATAC
228751	AAAGAAATCAA	GCCTTTACAC	TAGAAGAACC	CCAAGGCTAA	ATGAATTTCTG
228801	CTAGCAAATC	CTCCTTCACA	TATCCAAGT	TGTGCCCTTC	TTAGGAGTCA
228851	GTTCTCCCTT	CTCGTTTATT	CCAATTAGCT	TATTATTATA	GTTACGAGCT
228901	AAAATTAAC	AGTACATAAA	TTGATGGACT	ATGACTAGAA	AAGTAGAGTC
228951	CTTAGTTCTG	CTAAAAATAA	GTCAGATGCT	TCAGGAAAAAT	GGGATAAGGG
229001	CGAGGCTCCA	ACACAGTCAC	TCTGGAATA	GGAGTGGGTG	GGATAAATGTT
229051	CAGAGATTTG	AGAAGAAATA	TTAAAAAGTCA	TGAAGGATTTC	AGCAATTCTAGT
229101	TCGCTTCACA	TGTTTAAATT	TTTATCCAC	GTTTGAAGAA	CTGAGCCAGA
229151	AAGTCGAGCA	GAAGATGGAA	TATGGATATG	CTTTPATGCA	TATTATTAGA
229201	ATTTCTAAGT	CTCCAGTGCT	CGCTCAAAAT	AAAATGTCCA	AGGCCAACAGG
229251	TGTTTTTAAA	TTATCTTTCT	CAAAATGAAT	CCCCCACTTT	ACTAGCTTTTT
229301	GAATTTAAGC	AGTTTCTGGG	CCTAAATGTT	TTTAAATAAA	CTGCTTGTTC
229351	TATGTATAGA	TTAAAAATAT	TATGTAACCT	AATATCTATT	TTTTTGCTCA
229401	GTCTTTTCATG	GACATGTTTA	AAGCCAATAA	ATGTTGGATGA	ATTTTTTTTC
229451	TTTTTTTAGTC	TGTACTGGAA	GTTTTATGCC	AACCTTGAGCC	AGCTAGAACC
229501	ATTTTTGGAAA	AGGAACCTTG	TGGTGACAAA	CACCCCTTAAT	CCCAGCAGTA
229551	TGGAGGCAGA	GGGAGGTGGC	TCTCTGAGGT	CAAGACCAGC	CTGCTCTACA
229601	GAGTGAGTTC	CCGGACAGTC	AAGGCTACAC	AGAGAAACCC	TATCTCGAAA
229651	AACAAAAACA	ACAGACAAAC	AAACAAACAA	TAGAAAAAGA	AAACTGCCTC
229701	CATCAGATT	GCCTGGGGGC	AAGCCTGTGT	GCATTTTCTT	GATTGATAAT
229751	TACTGTGGAA	GTGCCCCATC	AACAGTGGGC	AGTGCCACCC	CTGGGCTCCA
229801	GGGTCTAGGG	CTGTATAAGA	AAGCAGGCTG	AGCAGGTACA	CTTAGGATCA
229851	AGCCAGTAAG	CAGCACTGCC	CCTATGGCCT	CTGCACTGCT	TTCTACCTTC
229901	AGGTTCCAT	CCAGTTTGTG	TTCTGCTCT	GACTTCACCC	AGTGATATAT
229951	ATATGTGTGT	TTTTATGCTG	AGGTACTTAA	CTACAGGTGT	CCACAGAGGC
230001	CGGAAGAGGG	CATTGGATCC	CCTGGAGCTG	GAGCTGTAGG	TGGTCTGTCT
230051	TGTTCTATTG	TGACACTAAT	TATCTAAATTA	GGTCTTCTGG	AAGAGCAGCG
230101	AGTGCCCCTA	ACAGCTGAGC	TGACTCTCCA	GCCCCAGGTT	AATCTTGTTT
230151	GCTCTTAACC	TTTCGAGTCT	CTCCATGAAG	TTAATACACA	CACAGATCCA
230201	TGCAGAGATT	CGGATAAGTT	TGTTTCAAAC	TTGCAATCCAT	TGCTTTGAGG
230251	TCAAATCTGT	AGGAGAATFG	GCATCTTTGC	AACACTGAAC	TCGTAGTTCT
230301	AAGCTCAAGG	AATAACTTCC	TATTATTTCA	GTCTTCTCTC	ATTTACCCTG
230351	TGTATGTTAG	TCCTGTAGTT	TTAATGTAAT	TCTTTTCAAT	GGGTCCAGAA
230401	TATTTTATGA	TGAGCATGTG	ACTTTATTTG	ATCAATGCCC	TTTGTTTTAT
230451	TTCTACTAATG	TGAAGTGTGT	GGTCATGAAC	ATTCACATTT	AAGTAGACAT
230501	TGTCCTTTTGG	TGAACACAC	ATGGCCTTGG	ATCTGGAAAT	CAGTCCCACA
230551	CCACACGCTG	TGCTCGTCAT	TGTCCTCATC	GTCTCCGCCC	TCTTCTCTCT
230601	CTTCTCTCTC	CTCTCTGTG	AACTCCATCC	TTTCTCTGCT	TCTTATAGTT

230651	TAAAAATAGGG	TCCACTCTTG	TGAGTCTCTA	GAATGGAAT	CATATTCTGTG
230701	TGACTTTTCCA	ATATGATTAG	AAAAAATATA	ACTCACTTTA	GTTCATCTGT
230751	GCATCGTTTG	GTTTTGCTTT	GTTTTGCTTT	GTTTTCTTTT	CTTCTCTGAG
230801	ACAGGACCTT	GTGTTGCCCTG	TGTCACCAGG	ACCCATCCTG	AGCTCGTGGT
230851	CCTCTTGCTT	CTGCCCTCCC	AGTGCTGGAA	TTACAGGCTG	GTGCTACAAT
230901	GCTTGAAATT	TGAAATTTTT	TATTGAACAA	GTTTTCATTT	GGTCAATTAAT
230951	TTCATGCGGA	TCAGTATATT	TATTCCTCTT	TCTTATTAAC	AGTGTGTTTT
231001	TATATATCAT	AGTTAATAAT	GTATCATATT	TTTACAGAGC	ATAGATCTGT
231051	ATCATCAGAT	CATTAGCCAG	TATTTTTCAT	TATTTTGAAT	AGGCTTATTT
231101	TTTATGGGAG	ATGGAAGGAG	GGGGCATGGG	AGAGAGAGAG	AGTGGGGAGA
231151	GAGAGAGCAA	GAGAGAGAAT	GAACACTTCC	TAATTCAATG	CTTTGGATCA
231201	TTTAATAGTA	TCATATCAAT	AGCATACCTA	GTATGTTTCAT	AACTAGATAA
231251	GCTAAAGAGA	TGATCTTGAG	TGGGAAGATC	ATTGGCCATA	GATCCAGAAG
231301	ACGGTCTTAG	ACATGACTCC	ATCACTTTTA	CCACCTGGGT	AGCTGAATATT
231351	CTCTTTGAGC	CTAATTTCTT	CATCTCTACA	GTATACCTAGA	CTTTAGCCCA
231401	CGCTCTAGGG	GCTATGTGAG	GTCACTTTTT	AAAATATTGT	TAGGTTTTFG
231451	GGATGTACCT	TGTACTGACT	AGTTTATATG	GTCAACTTGA	TACAACCTGG
231501	AGTTATACAG	GAGAAAGGAG	CCTCCCTTGA	GGAAATGCTT	CCACGAGATC
231551	CAGCTGTAA	GACTTTTCTC	AACATAGTTAT	CAACCCGGGC	GGAGCCAGCC
231601	AATGCTGGGT	GGTGCCATCC	CTGGGCTGGT	AGTCTTGGGT	TCCATAAGAA
231651	AGCAAGCTAA	GCAAGTCAGG	GGAAGCAAGC	CAGTAAGGAA	CATCCCTCCA
231701	TGGCCTCTGC	ATCAGCTCCT	GCTTCTTGAC	CTGCTTGAGT	TCCAGTCTCT
231751	ACTTCTCTTG	GTGATGAACA	GCAGGGTGGA	AGTGTAAAGT	GAATAAACCC
231801	TTTCTCTCCC	AACTTGCTTC	TTGGTCATGA	TGCTTGATGCA	GGAAATAGAAA
231851	CCCTGACTAA	GACATGCCTT	AATTGTTAAA	GTGCTTACCT	GGCATTTTAT
231901	AGGTCACGGG	TTCAATCTCT	AGCACTGCAT	AAAACCCGAT	TGTTGGTGA
231951	TCCCAGCACT	TGGGAAGTAA	AGGCAGGAGA	GTTCGGGACTT	CAAGGTCATC
232001	CTTGCGTATA	CACCTGAGGC	AGTCTGGGCT	ATATGAGACC	CTGCCTCAAA
232051	AAACAAAGAA	TAAAAAAGAA	AGATTGCAAA	CAGTAACTGT	TACATAAATAT
232101	ATAGAGAGTG	CTAATAAATA	TGTCATAAGT	GAATGTATAT	TTTACATAAA
232151	TTATCTTTCA	GCTATCCTCA	TTTATGAAAC	AGCCTTAGCA	AACATGTTTC
232201	TTGTTCTGTG	GCTTTGGGTT	TACATCTCTT	TGCATGACTG	TTTTTGAAGG
232251	AAATGGTTTT	TTGCCTTTAA	AAAAAAGGAA	TCCAAGCTGA	TGTTCTTTTC
232301	TGCCATTTCAG	AGGGTGTTTG	TGGCTTATTA	CGCGTCCGGG	CGGTCGGGCT
232351	CATCTGCGGT	ATTGACAGTC	CTTATGAGCT	TGTTAGCCAC	TGTTCTAATA
232401	AAAGTCATCT	TGATCTGTGA	GGAAGGCACA	GCAATGGCAT	AAAAGAAATAT
232451	TGAGTTGGAA	ATCTGTATTT	TGGGCTTTTC	ATTAATATGC	ACCCCTTCCAC
232501	AAAGGAGGCA	GTGTGGATTT	GCATTGCAAA	GGGTAGCTTA	TTTCTTCTG
232551	CAACACTCGA	AGCCAAGTAA	TTTAATTATG	TCTCTGCCAT	AGCCTTTTAT
232601	CTTCTGCAGA	GGAACCTTCT	CTCCTCTGAC	AGTTTCAAT	GGAAGCCACT
232651	CTTCTTATCC	CTAGAATTAA	TTAACATGCA	AATACTTTGTC	GAGAGACACA
232701	GGAACACTGC	TTTTTCAATT	AGCTTTTAAA	TGTCACCTTT	AATGTTGGTA
232751	GATTGTCTCT	TTTAAGGGAA	AATTAACCTG	CTTTTCTCTC	GTGAATGCTG
232801	TTATTGATGT	GTCTGGTGAC	TGGCACCAGT	GGGCTCTTTA	AGTTTGCACA
232851	ATCAGAGACT	AACTGAACCA	GGGTTGGATG	GGATTTGATG	CTGTAAATGCA
232901	GGGTTCTCTG	CCTCTCTCTG	AGGGCTGGGA	TTCCAGGTGT	TGAGCACCCT
232951	ACCTGGCCTC	AAAAGGGCGT	CTTTGGATCG	GACGTTGCCG	TGTGAAACTG
233001	ATGTGCTTTG	AAACATGGAC	ACAGACACAC	ATGGGTGCTG	CGATTTACCG
233051	TGGGTGTGCA	TGTGAGAAAA	AAAAAAGGAA	GGAACAAAGC	AAAAAAGGAA
233101	ATCAAAACCGA	CCTTAGCGGT	ATGTTTGAAG	ATCAAACTTC	CCATGGCAAA
233151	TTAACGTTTA	GCCTTCACAA	ATTGCTATTC	ATCTATCATG	TTGTCAAGCT
233201	GTGGCCAGTA	AATAATTACA	TAAGATGACC	TTTGATACAC	GCTCAGTCAT
233251	CGTCAAGTAT	TTTATTGAGC	CAGTAGATTT	TATTTATTTA	TTTATTATTT
233301	GGACAGGATC	CATCCATCTA	GGCTCAGTAG	TCAATGGGTAC	AGCCCCCTTA
233351	AAGAAGCTGA	AGAGGCAGAA	TTAAGAAGCA	TGGAATGCCA	GTGAGCTAAG
233401	AACCATGCCA	GGGAATAAAT	AAGTGCACAG	TGCACCTGAG	TGAACAGCAG
233451	TGTGTGCATA	CACCTGGAATT	GGGCTCCCTC	TCCCGAAAGG	TTTCTGTGTG
233501	TTGCTATGTT	GAGCTTAGTT	TTGCAAGGTC	AATGGCAGTA	TTTGACTGAC
233551	ATCTCCAGTG	CAGTGAGGGT	TTTCTTAGGG	TTTCTAGTAC	TGTGGTCAAA
233601	CACCATGAGC	AACAGCAAG	TTGGGAAGGA	AAGGGTTTAT	TTGGCTTACA
233651	CTTCCAGATC	ACAGTCCATT	ACTAGAGGAA	TGCAGGATAG	GAACCTGAGC
233701	AGGCCTGGAA	CCTGGAGCCA	GGAGCTGATG	CAGAGGCCAT	GGAGGGCAGC

233751	TGCTTACCGG	CTTGCTTCTC	TTGGCTTGCT	CATGGGACTC	AGGACCCAGG
233801	ACCAGCAGCC	CAGGGATGGC	TGGGCCCTCC	CACATTTGATC	ACTAATGGAG
233851	AAAATGCCTT	CCACCTGGGT	CTCAAGGACT	CTTTTTCCTC	TCTGATGACT
233901	CTAGCTTGGT	TCAAGTTGAC	ACACAAAACC	AGCCATTAGG	AGTTGTTAAA
233951	TAATAACAAA	AGAGTATGTG	CTGCCCTGTAG	ATTAGCAAAAC	AGGGCTTTGG
234001	GGACCAAACT	TTGGGATGAG	AGTTCTGCAG	AGTTGGCAGC	CTTGTCAATAG
234051	AGCAGGCTTC	TCGGATGCTT	GGGCTTCTCC	CATGATGACA	TAGTGCCCTC
234101	TGAGAGTGTA	GGCTAGATTG	AGGACTTGGG	TTTAGGATC	AAGGTTGCTA
234151	GAGATTCAGT	AAGTCCCAGG	AATGCCTGGT	CTAGCACCCC	AGGTCTCTTT
234201	TGGTCCATCC	CTTCTGTTCT	TGACATTTCAT	CGTCTCAAAAC	CTTCCATATCA
234251	GTTATGAACT	GTAGGGTACC	ATGGAGTGT	TGAGGGGGTG	CTTGCAATTAT
234301	TATAAAACAC	ACATTTTAGA	TTCTAAACAC	ATTCTTATGG	CAGTAATCCA
234351	AGTTACATAT	ATATATATAT	ATATATATAT	ATATATATAT	ATATATAAAG
234401	GGGGAGTAGG	AAATTAAAAG	CAATTGTCCA	TTTCCATTAC	AATTCTGATC
234451	TCTCTTTTAA	GAAAAATTAAT	CTTTTGTAGCT	ATGGATAATC	AAAAGCACAG
234501	TTATTTAAGT	GAAAGCAGATT	TAATATTGTC	CTTTCTCTGTA	ACCCGCTTTC
234551	GTTAGATTCT	GTAGGAGAGC	TTTCTTGGTT	CCTCCTTCAT	GTTACTTCCT
234601	AACCACTATT	GTAGTCTATC	TTTGTACTGA	ACGCTGGTTA	CCACAGACTG
234651	TGCTGAAGAG	AACATTCTTG	AGACCACTCG	CAGATGTGTA	AAGCGGTGAT
234701	TGTGTTAGGA	TTTGTAGTGA	ACTCTGTAGT	CTTGAGTATA	TGTGGATTTC
234751	CTCTAGGAAA	ACCCAGTTTC	AGCCATTTTT	CAGCCTATGC	AGGAGTGCTGT
234801	GAATGGCGGC	TTACCATGGA	TTCCCTCGAA	AATAGAAATCC	CAAACCTCAAG
234851	GCTTGAAGAA	ACAAAGAGGA	GAGGAGTGGC	TAAAAATATG	TGGTGGCCAA
234901	GATGTATGAA	AACTTAACTT	GACACAAAAA	TTCTGTGCATG	GTGGCATTTAT
234951	TCATAGTCGC	CAAAATGTGG	GGGCAAACTT	CAGGTTCATC	AGCTGTGGGG
235001	TGGATTCAGA	ACACGGTACA	GAAATACAGT	AGCAATCAC	TATATGGACG
235051	GATGTTATTG	AGCAGTAGAG	CTACAATGTG	GATTGAAAGC	ATGATGCTAC
235101	ATCTGAAGAG	CCAGTCAGAA	GTGAGCACGT	ATGTTTTTCT	CGAGTGTCCA
235151	GAATGGACAG	CTCTGAGAAA	CAGAGAGAAG	GTTTGTGGCT	GCTTAGAGCA
235201	GAGGAGGCAA	AGATAGGGAC	TTGGGAATTG	GCTGCTATTG	GCACAAATGG
235251	CACAGTGTTC	CCTTTGGGGT	GATGGAAATG	TCCTTAAAAT	AGACTGTGGC
235301	GACAGTTGCC	CAACTCTGAA	TATATAAAAA	CCCACCTGAA	GGCATATTCT
235351	AAATGGGAAA	TTTATGATG	TGTGAACCTC	CAACCAATGA	AATGATTAAA
235401	GTAAGTGGCT	TCCCATGCAT	GGTTAGGGAC	AAAAGAGTGA	GGATGCACAC
235451	TTTCAACCTGA	GCTTGTGGGC	CAGGCAGAAG	AGCACTCAT	GCCAGCATGG
235501	CCAGCAGTGC	GTTGGGGACA	TGCATTCCAT	TGGGCTAATG	ACAGCCAGCT
235551	GCAGGGGAGC	ATTGTGTGGC	CTCAAGGCCG	TCAAGGCTAT	GTTCTCCAGG
235601	GTGAGAAAAG	GGGGCAGCGC	CCCAGATTAA	TGCTCTGTAT	TGGTCTCAGG
235651	CTTCGCAGAC	ACAGGAGGCA	CTCTTCCTGT	TCTTCCAGAA	GGCCGTAACT
235701	GGTTCCTCTG	CTGACCTAGA	AAGAAATGCC	CACGTGTGCT	CAGTATCTGG
235751	AAAAGTCGGG	TCAGAGAGGG	GAAGTTGAGC	TCAGCTGCTG	AGTCAAGGAC
235801	AGGAGAGGGA	AGACCTAAGG	TCACAGACTG	AGGCCGGCTC	ATCTTAGGGA
235851	ACAAGTACCC	TCAGTTTGTAG	ATTTAGCAAT	TAAGCTCTTC	CTACGACAGT
235901	GGGAGTGACT	GTTTCTCTGG	AAGCGTTTAC	TCCCGAACAG	TGTCTTAAGA
235951	ATGTTACAGG	GGAAGTCAGC	CTTTTAAAGT	GTTCTCTGTT	GTTGTTGATG
236001	GCAACATTTA	GCTCAAGGAA	ATAGGATTAA	CTTAGCACTG	CACACAGCA
236051	GTTAATGGAG	AAGCAACAGC	CCTCTTCTCC	AAGCCACATG	GTCTTGTGTT
236101	CCGGTCTTTC	AACACTGTCT	GCATCTCTTC	CCTGACATGT	GCACAGATTG
236151	GATTAAACCA	CAACCCCCCA	CACCCCTCCG	TTAATTTATGC	TCAAGTCCGA
236201	GGTTTGTGAAC	TCAGAAAAGAA	CTGGGGTCCC	CGTGGTCCAT	ATGAAAAGTTA
236251	ATTAATTTTGA	GGTAGCTGCT	GCTGGTCTAC	CAACTGTTTA	CTTTCAGAAAG
236301	CTGGGGCAGC	ACATGTGTGG	GGTCAGTGT	GACCCAAAAG	CCAAGTGGCT
236351	TGGGAACAGG	CAGAAAGAAG	TCTTTTCTCT	TGTCATTCTT	GATTTTTCCT
236401	CCCTGTGTTT	TTGTTTGTGT	TCTGTTTTTA	TCTTACTAAC	TTCACTGAAG
236451	ACTATTCTTT	TGAGAGCCGA	GGCCATAACT	CAGTGGTAGA	GCCCTTGCTT
236501	TGCATATGCA	TACCCCTAGG	TCCAATCCCC	TACACTACCT	AAAAGCAAGC
236551	AAGCAAGCAA	GCAAAACAAAC	AAACGAAACC	CCCGGACAAT	AAAAATTAGA
236601	CTTTGTACTT	GATTAGGACC	CCCTAATCAC	ACAGAAACCT	CAGCTACTAT
236651	AAAAACCTGCT	CAATAATTTT	TCCCCCGATT	TCTTTGTTTC	TTTGTTFCTG
236701	GTTTATTGTT	AAATTGCTAA	AGAAAATGGCA	CCAATTGAGG	AAATTTGATA
236751	GTGATTTACT	GTGAGGAGGC	AGAGAGAGCC	TGTCTGCTGT	GGACCGGTGG
236801	CTTGAGTGGG	GTCTGTTGGG	TATTTTGTGT	TTGGTTGCTA	TTTTTAGCTG

236851	AAGCCCCGTG	GCGGGCTAGG	GAGTAACTAC	GCTCGGTTAT	GTTTCATGACA
236901	ATTAGAACCT	TTCCTCTGAA	TCTGTGAAGT	CCCAGTCGTT	GGGAAAAACCA
236951	CACCTACACCT	CCCTGATTGC	CAAAGCACCC	CCCTCTCTGA	TATAACTTCC
237001	TCACATACAA	TAAATGAAAA	ATAGCATTTT	CTCCCAAGTA	TATCACACAA
237051	GATCATGTGG	ATTATTTCTT	CTGATTATTA	GTGCAACATC	AATCATTTACA
237101	CAGAACCATG	CAGGGCTTTG	TTTGCTAAGT	GTATTTTGAA	AGATAGCTAG
237151	CCATGGCCTG	CAGTAGAATT	CCTTTTGGCT	CCTGTGTTAG	TTTATTGAAA
237201	GTAGAACTCA	CTAGACTCGT	GAATGCAAGA	CAATTGGCAT	TCCACCATCT
237251	TCTGAGTTGA	GGATAACTTT	CATCCTTTGC	CAGGCTCCTT	AGAGACTGGC
237301	TGTGAGCAGC	CCTGACTTAA	CTTCAAAGCA	CAGCTTGTCC	CTTTGCCATT
237351	GGCACCACAG	CATCTTAAAT	ATGCTTGGAC	AGCTTATTAT	AGGATAGACA
237401	AGTGAGTAAG	AACCTTCCCT	TGTTGGTTTA	TATTGCTGTT	TTGTGTGACA
237451	TTGTATAAGC	TTAAGCTCAC	CCAATTATCA	CAATTGCCAC	ATGCCAATGT
237501	ACAGTCATTG	ACGGAGACTC	CGAGTTCTTT	CAGTGTCTGA	TGGATTGTTT
237551	TATTTAGTTT	ATAGAAACAA	AATGTTTCTT	GCCATGCCAT	CTTCCTAAGC
237601	CACAGTCTGG	ACACAACGTG	TCTATTAAAT	TGTTTCTGAC	CAACTCAGAG
237651	AGCTGTTTAT	TGACTAAATC	CTTGGGTGAC	TGATTGTAAG	CATGGTCCCT
237701	GTTATGACTG	CAAAAGAAGA	AAGTTGGGTA	TAATCAACTT	TATTAACAGT
237751	GATTTTCAGGA	ATGTGTGCTT	CAGAGAAAGA	GGGATATTTT	CAATGTTTAC
237801	ATACTTTTCAA	AGGAGGAAAA	TAAAAAGGGG	CAAGTCCATA	CAGCAAAAAAT
237851	CACAGTATTT	TAGATAGAAA	AAAAGAGGGG	GGTGGGGTGG	GGTGGGGGTG
237901	GGGAGAGGGA	GCTGTTTAA	GAGCAAGAAA	CTCTTGTGG	ACTTGGATCC
237951	CAGGAGAACA	CACGTTAGAC	TAAAGGGGGA	CAAAATATAT	GAGGCAAGAA
238001	TCAGAAGAGT	GATGTAAACC	AGCAGCCAAA	TAGCCACAGA	GCTTAAGGCC
238051	AGACCTAACT	GTGCTTAGAG	ACTATTGGAAC	CCACCAGAAG	AGCACCTTTA
238101	TGACTGAGTC	CAGAGTGAAG	GGAGGTGGAG	ACTAACCCAG	CTCATGGCTC
238151	AAGGCAGGTT	GAATAACGTT	AACATATAAC	AGTGAATTGAG	AGTGAACCCA
238201	GTGTATGTGA	TAGGTAATGA	TAATAACAGT	TATTAACAAT	TATTAACATT
238251	CTATTCAGGG	CTGGACACAA	TAAAGAGGGA	TTTAATTATT	TTTTTCTAGT
238301	ACCCGTGACA	GCTGTGCAAT	GTAGAGATTA	CTGTATTCAA	CCCCGTTTTA
238351	CAGAGAGAAT	ACCAGGCCAC	GGGAGATTTC	ATAACAAGCC	TGAAGTTTGT
238401	AAATGAGAGT	ACAACATTCA	TATTCGGGTC	TGACCTGTTT	TAGTGTCTGG
238451	CTCTTGGCAG	GGGACAGTTT	CATACATGTA	TGGCGTATTT	ACAAATATAT
238501	CATTTGTTAT	CGTCTGTATA	CAATGTATTG	TGATCATGTT	GGTTCCTTAG
238551	AACCCCTCTC	CCCTCTCTTG	CTGACCCCAT	CTCCCCAATT	AACCTCTCTC
238601	TACTTTTCTT	TTTATTTTTT	GACTCACTGG	ATTTTATTAG	AGTTGCTTAT
238651	GTTCGGCAAT	GATAGGAGTT	ATTTATTGGA	GCCTAGGCCA	CATACCGGGG
238701	CTACACCACT	GAAGGAAATG	AATGACTGCC	TCTTTTGAAT	AAGCATCCCA
238751	ACTCTTATGC	CTACTAGCAC	CAAGCTTTGA	AACAGATTGC	ATGTTTCCGT
238801	TTAAATTACT	ATAGTGTGAG	GCACATAAAC	CAAGATAAAC	CCAATAGATG
238851	GCATTGAAGA	GCCACAGCGT	GGAGTCAATG	CTGAAACAAG	GAAATGGAAT
238901	ACCATTGATC	TAAAGAAAGT	ACGTAGCTGC	CGGCTGGCTC	ACTTGTCTAG
238951	TGCTCTCCTA	CACCTGGCAG	AGCCCTGAGC	GTAATCTGCA	CGCTGGAATA
239001	CGGACCATCT	GGATTTCTTC	TTATAGGTCC	ACTTGAGACT	GTTTGGAGCT
239051	AAGAATTTTG	ATAGTGATCC	CTGGCAAACC	AGACTTGGTG	TCAGGAGGCT
239101	GCTCTGTAAA	GATGTAAAGT	ACGGAAGAGA	TGCGTGGAGG	ACAGCCTATG
239151	CGTTCACAA	GTGTGCCAAC	TTCGATTCTC	CCAACCTGTG	CTCCTGCCCT
239201	CCTCTGTTCC	TTCTTAGCTA	TTTAAATGGC	GATCCTATTG	TTGGAGGATT
239251	TCATAGGGGA	TTGCGAGCAA	GGGAATTCAT	CTGGGCTCAG	TAAGGCAGAT
239301	TCATGTTTGA	TTTAGCTTCT	TTTGCGGAGT	ATTGATTTTA	AACAGTTTTT
239351	GCTGCATAAT	ATTGTGGTTA	TGTCATCCCT	CTGGACATC	AAATATGCAA
239401	CTCTTGTCTA	AAAAGGAAAT	ACGTTTCTGG	CCTGGATTGT	TTGGCATTTT
239451	CTGTGATTTA	TTGGCTCCCA	CATGCCCTGT	AATCTTCTGT	CTTCAGATTC
239501	CTTGTGCTTA	TATTAGAGAG	AAGGAGGAAG	AACAAGTCAG	TGTCACCTCC
239551	TGAGAGCAGC	AGTGTGGGCA	ATGTTGACCT	CTGGATGACA	CATCACATCC
239601	GTTCATATAAC	TGCTGATAGG	ATAGTCTGTT	CTTACCATA	GCAAAACCCAG
239651	TGGTCTGTCA	TTTAGGGACT	CCCACTCTTC	CATTTTTCAA	GATCCAGAGT
239701	GATTGTGTTG	CCTTCTGTCT	GGCTCCTCAG	AGTCTCCCAT	CTTTCTCGCT
239751	AGCTGTCCGT	TCTCCAGCA	TCTTAGAAGA	TAGCTCACCT	TGGCTTGGTA
239801	ACTTCAGTGC	ATATAAACTG	GTTAGGCTGA	TGCCATCTCT	GGGTGGGGGG
239851	GGCTTTAAAC	CCTGTTTGTG	TTTATCTTTT	TGAAGTAGGA	AGAATTTTGG
239901	ATGGCATGGC	CAGTAGCTTA	AAGTGAAGTA	GGAAAGACCT	CCTTACAGTT

239951	TTGGAGATT	GAGACGAGAG	TATAGTGTAT	CTGTTAGTGT	TATGAAGATA
240001	GTGTGCATGC	CCTGGATAGG	ATATAGAATA	CCTCTGCCTT	TTAAGACTCT
240051	ATGATTATGA	ACAGTTCCGT	TTCATACATA	CACACTTGGG	TACTGTCCAA
240101	ATCAAATTCA	GGGTCAAGTA	GATGGTAGGG	TGGGTAAAAA	AGCTGCACAA
240151	GACATGGTGA	TCTGTGACCC	CATCACCCCT	GAGGTGAGAT	GGGAGGTGAG
240201	GCAGGAGAAT	GGATCTGAAG	CCACAGGCCA	GCCTTTTGGG	AATGTGCATT
240251	TCAGCAGCCC	TCATGATCAG	CACATGTGTG	CTGTGGCATG	CATATATGAA
240301	GGCATGCGTG	TTCCGTGCGCA	CACCTTAAAT	AAATAATTGA	AAAACCTTGC
240351	AAGTGGAAAA	CCATTGCATT	ATGGCGCCAT	TGTTTACCCTA	GAAGACTGTG
240401	TCATTCCAAG	TTCCCAAAAG	TCATTGCTGA	TTTGTAGACT	CACAGGGAAC
240451	GGATGGTGGT	TTGGAAATGG	GTCTATGTTA	GCAGCCCTCC	AGTTTTTTAC
240501	AGATGCTATG	AGGGTATCTG	TGGCTCGGGC	GTAAAGATGGT	TGGCCGTACG
240551	CACCTCCCTTT	ATTCTAAGTG	GTGTCTTAT	TATTGACCAC	TGAAGAAGAG
240601	AAGTAAAGGT	TTAGCGAAGG	ACCCGTTTGC	ATACACGCAT	GTGCTGAGGC
240651	CTAAACTTGG	CAGCAGTTTG	AATTAATAATG	AAGTTTAAAC	TGCCCATAGT
240701	CAGGCTGGAA	GCAGTACTGT	AACACATGTT	TAGTTTCTCA	AAACAAGTAG
240751	CGCCTCTTTG	AAAACAGCAC	ATTTTCTCAT	AGCAATGCCT	AAGTTACCTG
240801	GAGTGATGGG	ATTTCAGGGA	TTATTGGCAA	AACTGCACAC	TGCCAGGAGT
240851	TAGAAGTGGT	GGTCAGGACC	AAAGTGGGAT	GAACGCCACT	GTTGTGTCTT
240901	CAGCTGAAAC	CCACAGGGAA	CAGTTTGTAG	AGGCCTGGGG	ATGGTGAGAG
240951	GCTAGTGGAT	TGAAGTGAGC	CCAAGGCTCG	AGAGGCTCCT	GCTGTGAGT
241001	GAATGTGGAG	GATCGTGCTG	GGGTGGCTCT	CACAGGGCAG	TGACCACAGC
241051	AGGCAATCTC	TGATGTCAGG	TCCAGTCTTG	TCCCTCTTCC	TGAGCTGTGG
241101	TCCAGTTGTA	TTGTAATATG	GTGGTCAGGT	GCCCGCTTTT	CTTGTATAGAC
241151	CTGAAGTTTT	TGAAGGCAGC	CACGAACCGA	CTCCATTGCA	TGATCCTGAT
241201	CTGAGCCGCG	GATGCAGGAT	CACACGATCG	GAAAGTTCTG	GGGGCCTTGC
241251	ATCATGGTGG	CCCTTCTTCC	CCACATCTTA	GCTTTGTGGT	CTGTGCAGTG
241301	GAGACTGTGT	GCAAAAAAATG	CTTGTGTGATG	GAAAAAACAA	ACAACAACCC
241351	TTTTTCTTTTT	TTGTTTTTCT	TTTTGTTGTT	GTTTTGAGAC	AGAGTCTCAT
241401	TATAAAGCTG	TGGCTGTCCCT	GGAACTCACT	ATGTAGACTA	GGCTGGCAT
241451	GAACTTGAAC	TCACAGAGAT	CCTCTGGCTT	CTCTGCCCTT	GCTTCTTAAG
241501	TGCTAGGATT	AAAGGTGTGC	ATCACTATAC	CTGACTACAA	ACTCCCTCTT
241551	GAGCCCCCTAC	ACTCTGTACT	TATAAACTCT	GTGAAAGAGG	GACCTGGCCA
241601	ACACCGACAT	TGGTATCTGG	CTATGTGGTG	GTTTFAAGCA	GACATGGCCC
241651	CCCATAGGCT	TATATGTTTG	AATGCTTAGA	CATCAGGGAA	TGGCACTAAT
241701	TGAGAGCTTT	TAGGACATGT	GTCCTCATTT	GAATGAGTGT	GGCCCTGTTG
241751	GAGAAAGTCA	CTAGGGGTGG	GCTTTGGGAT	TTCTAAACCC	CAAGTCAGCT
241801	CAGTGTCTTC	TTGCTCTTCC	TGCTGGCCGC	GGTCCCAGCT	GTAGAAGCT
241851	TAGCTACTTC	TCCAGCATCA	CATCTGCCTA	GATGTGGCCA	TGCTTCTCTG
241901	TAGGATAAACC	ATAAACTAAA	CCTGGGGAAC	CGTAAGCCAT	CTGCAATCAG
241951	ACACTTTTCT	GAGAGTTGCT	GTGGTCATGG	TGTCCCTTGA	CAGCAGCAGA
242001	ACACTGATTA	AGACGGGATG	TGTTGTGTGT	CAGATGTGGC	AGTCAGGCCT
242051	TGGCCGCTGA	CTCACAGACA	CTGGGATCCA	GCTGTGTGTG	CCATATAAAG
242101	CACCTGGCTGT	TTTAATATTG	ATATTACCAA	CTTGTGCTAT	TTTACCTGAC
242151	CTTGTCAAGT	CTTTGATATT	ATTTCCAGTT	CTCTCTAAAT	AGTAGTAAAC
242201	TGTTTATCCCC	CACCTACCCC	CCAGCCCCTG	CCAATCTCTC	ACTTTCTTCA
242251	TTTATCTCCC	CTCCCCCTAC	CTGTCTCCTT	CCTCTCTGTG	ATGGTTTGTA
242301	TATGCTTTGGC	CCCCGGAGTG	GCACATTATT	AAGGTGTGGT	TCGTGTGGAG
242351	TAGGTGTGGC	CTTGTGTGGG	TAGGTTACCC	ACTGTGGGTG	TGGGCTTTAA
242401	GACCCTCATC	CTAGTTGCCT	GGAAAGTCAGT	CTCCCACTAG	CAGCCTTCAG
242451	ATGAGACAT	AGCACTCTCA	GCGCTGCCCTG	CCCTGTGCAT	CCCTAGATGC
242501	TCCCATGTTT	CCATCTTGAT	GATAACGGAC	TGAATCTCTG	AACATGTTGT
242551	CCTTTATAAG	AGTTGCCCTG	GACATGGTCT	GTTTCACAGCA	CTAAAACCTT
242601	AAGCTACTCC	CTTTCCCCCT	TCCCTCTCCT	CCTTCCCTGCT	TCTGTTTCCC
242651	GTTCTCTCCT	CCCAGCCTTC	TGTCCGCTAG	TCTAGTCTAT	GTCCGCAAAC
242701	TCTTCTATACA	TAGCCCGGAC	ATTATTTTAG	ACCTCCACCC	ACCTTCTTTT
242751	ATAGCCTGGA	TTGGACTTCT	CTGTTTCAGT	GAACTTCCCT	TGTAGAGTTT
242801	CAAAAAATACC	TTTCAAAGAA	CCTTCAAAAA	TAATACAGAA	ACAGAAAAAT
242851	AGTTTATAAT	AGTACTTTCC	CTTTCAATGAA	CCTTTTCTTT	CTGTGGGGAA
242901	TTCTGTGGGG	GAGATTTTGA	GACTCTCTTC	CTGCGCACAT	TTTTCAGAGC
242951	ATACCACCTC	ATGTCAACCA	AACACCGTGC	ATTGCACTGG	CGTGTGTGTG
243001	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTA	CACGAGACCA

243051	ATGTCATTAT	ATGTTCCGTA	GGATTAATTG	TAACATAACA	TTCCCTTAGA
243101	AAAGGGCTAT	CTCGCCTGTC	TGTTTCTGTT	CTCACCCATC	GCTCCTACAG
243151	AACGGGGGTG	GGGGGGGGTT	GGTGGGGGGG	GGGCTGGGGG	TTCCACACCTG
243201	CCTAGCTTCAG	GGGCATCTGC	CTGTTTATGA	CGAGTAAATC	ATTTTTATATG
243251	ACTCAGGGAA	GCTTTGTGCA	TTTAATTATC	CAGGGGAAAA	ACTGGCCCCCT
243301	AACGTGCTTG	CCAAAGTAGA	CTCTTAAAGC	CTCTTAAAGC	CAAAGTCAGG
243351	TAAAAATGTT	TCTTCTGTG	TCGGGGGTAT	TTTAATTTTCT	CTCTCTTCAA
243401	TAAATTTGTG	TTAAGGATTA	TTTTTTTCCC	AGCATAGATT	CTGAAAAATC
243451	CTCCTCTTTC	TACCTTATCC	AGTCAGCCCG	TCTGCTTACT	GGAAAGTTCC
243501	ATCTTTACCT	CCACATATTA	TGTAATGAGA	CCTTGTGCTG	AAAGTGTCTGT
243551	ATTGAAGGAC	TGACTTTCTC	AATCAGAGGA	TAGAGTCAGT	TTTACAGCAA
243601	AAATAAATAA	GTAGATGGAT	AGATAGATAC	ATACATACAT	ACATATAAAT
243651	AAGTAAGTAA	ATAAATAAAT	AAAATAACAA	AGTACACATG	ACAGTACATA
243701	TTTCCCTCTAC	TTTGGAAAAA	TTACAAAAAA	AAATTATAAAT	AGTTCCGACT
243751	GTCTGTTTGA	AAATGAACAC	ACTCCAAGCC	CGCTCTGGATT	CATTGGCTTA
243801	AGAGAGGCGA	ACTGAAAAGTA	CGCCATGCAC	CAGATGATGG	CAGAACAGAT
243851	CCTCCTTAAAG	GACATTTTATG	ACAGGCCAGG	CTTTTCGTTT	CTTTTCTTCC
243901	CTGCTGTCTGT	TGTGTGTCTC	ATTACTGGCA	GTGATTTCTG	AAGCATCAGG
243951	CTTTTCCAC	CTTTGCAATA	AGTTAAATCA	AGGAGCTCTC	TTAGTGGCCT
244001	TGAGCTGTTT	TCCATGTGG	ATCGGATCCT	TGTCATGCTC	ACTCTGACTT
244051	CTACAGAAAG	ATGCAGTTCA	CGGAAAAGCT	TGCGGTGTGT	TTTCAAGAAAT
244101	TCCTTTTGAC	AGATAACTAG	GTTCTTTTAT	GAAAGCCATC	AAAGGAATCA
244151	GAGAATCAAT	AAATGCAGGG	ATTTGGTTTG	GTGTGAGTTG	GCATCATTAG
244201	TGTGTGTGTG	TGTGTGTGTG	TGTGACTGAG	AGTGTGAGTG	TGTGTACGTT
244251	GATGTATAT	ATGACTGTGT	GTGTGTGTGT	GAGTGTGTCA	GTGTGTGAGT
244301	GATTTTGTGT	GTGTGAGCTT	TTTGTGAGTG	TGTGAGTATG	TGTGAGTGTG
244351	TGTGTGTGTA	ATGTGTGTGT	GAGTTTGTGT	GTGAGTGGTT	CAGTGTGTGT
244401	TGTTGTTGAGT	GTAAGTGTGT	GTGATATCTA	AGACTGGGTT	TATATGGCCAT
244451	GGTGCATGTG	TGGAGGTCAG	AGCAGAGGAC	AGCTTTGTGT	TGTGGCTCTG
244501	GGGACAGACT	CCAGGCCGTC	AGGTTAGGAT	CTTACTTTAC	AGCTGGCTTT
244551	ATTCACTCAG	CATCTCCCC	AGCCCTCAT	TCTTCCCTTT	TGCTTCAGAT
244601	GTAGGAAGCA	GATGTTTGTG	ATGAGAGAGA	CAGCTTTTAC	TTGAGCATGT
244651	TGCCCCTTCT	GTTGTACAT	ACTGACATTT	TAATCTCGTT	TGAACCTTAC
244701	AGAAATCTTG	TGTCAGGTAT	GACCAAGTTT	AGAGCAGTTA	ATGGGCTGGG
244751	TCTCAGCACC	AAATGTGGGT	CTCTCAGTGC	CCAGTGGGGG	CTTCAGCCCC
244801	ATTGCGAAAG	CTAACTCTAC	CTCCTGGGGA	GCTGCTGTTA	AGCTGGGGTG
244851	TTTGGTTGGT	ATACACTGGT	AGAGATTCAA	AAATTCCCAA	ACTCATCTTA
244901	TATTTCTAGTA	AACACACACA	CACATTTATGA	ATTTTCAAAA	TTGGTTTGTG
244951	AGTATGAGAG	TATTCAGCAG	CATTTCTGAC	ATTTCCCTTCA	GAAAGGAGTA
245001	TAGGAATTTT	ATAGGTCCTG	TTTCCCTGAA	TATTTGAAGAG	CTGAGAAATC
245051	AAACAGTGTG	CTGCCATTTG	CTTTATTGGT	AATTTGAACAC	ACTGCAGCTG
245101	ACATCAAAAG	GTTTCTCTTG	TAATATTTTTC	CCCTGGGCGT	GTTGAGTGTG
245151	TTCTGCTTGT	CAAAACGTGAA	AACCATTGAT	GGGAACGCCCT	CTGCTTTAGT
245201	TTGAACTTCA	CTGTATAGAT	TTTCCCTTTT	AGGGGAAGTT	AGGTGTCCGG
245251	CATATATCTGT	CAGACAGGGA	GTGAATGGTG	GAGAGGAAGT	TGAATATCTC
245301	TGTCCTGTTGT	TTTGTAGTTT	GGGCTTTGAG	CCATGTGAGA	GAATTCATAT
245351	CATTGAGTAA	AAAGGTAAGA	AGGAAAGCAA	GTTCCCTTGA	AATCTGTGAG
245401	AAATTGAATAT	AACTGTGTAT	CACAGAGAAAT	TTGAAATATG	TTGATGCTGC
245451	ATCCCTTGTG	GAGATCAGCT	TAAGGCACAA	TGAAAATGAT	CACAGGGAAAT
245501	ACTTAAACATA	TAATCAGAAC	TCTTATTTAT	AAATTTATGT	TAATTAGAAAA
245551	TAAGCAATTA	AGTTAATACG	ACTAGGCAC	AAATTTCTAAG	TTAGAAAAAA
245601	GGCTCAGGTA	TGAATTCAAA	AGAGTAACAG	TCCAGTTTAT	TTTTCATCTAA
245651	ATAGGAGATA	TCAGTATAAA	TGCATGATTT	ATATTGTTAG	ACACGTCAC
245701	CATAAAAAAG	CAGGAAACTC	AGAGGGCATG	GTAACCAAGTA	GCATTTAGTA
245751	CCCAGGACAC	AGAGATTAGG	GCTTCTAAAT	GGCATTCTCT	ACTAGGAGGC
245801	TTTAGGGCTC	CTGGAAGAAA	TGGCTCATTC	TGGGTCTGGA	ATGAGGACCA
245851	TGTGGGAATA	GCCTTGGGGC	ATCTCAAAAC	TGAAAATCAG	CGAAGAGGAA
245901	GCTGAGATGG	CCCAGCCAGA	GGCACCCAGG	AGCAAGCTCG	GAGGGTTCTC
245951	GGGGACAAAA	ATGGAATAGT	GAACATTAAC	AGAAATTGAAA	TACATAAAAA
246001	TAGCTTTTAT	ATTATGTGTG	GTAACAACAG	CATGGCATAA	ACACCGCTTA
246051	TTCTATGTCAT	TTAAAGTCAT	GAGGTGGCCT	GTTATAGTTT	TGATTGTGAG
246101	TTAAGGAGGA	ACAAGGAAAT	CTGGCTTCCA	TCCCCACTTT	CTTTGGGATC

246151	CTGTACTTTA	GGGCAAGTCC	CCCATACAGG	CTCGAGGTTA	ATAAGTGAAA
246201	GGAGATGCTA	GGCATAAAAG	ACATGGATTG	GTAAACACCA	TGAGATCAAA
246251	GAGGTAGGTG	ACAACCTGAA	CCACACTGAA	GACATTGAGT	GACAGTGGGG
246301	CTTTATAGTA	GAAAGTGGCG	TGACAGTGCT	GGGACCCACA	GGTACAGTGA
246351	CAGTACTTGA	ACCCCTGGGT	CTATTGACAG	TATCTGAACC	CACAGATATA
246401	TCTACAGTAC	ATGAAACGCAC	AGGTCCATCG	AGAGTGCCTG	AATCCATAGG
246451	CCCTTTGACA	ATTCTCGAAG	CAACAGGTCC	ATTGACAGTG	CTTGAACCAA
246501	CAGATGCCATT	GACAGTATTT	ATACTCACAG	ATTTCATCGC	AGTACTTGGA
246551	CCACAGATTC	AGTTGACAGT	TCTTTGAGCC	ATGATCCACT	TGACAGTACT
246601	TGATCCCTCA	AATCCATTGA	CCATAATTGA	ACCCACATAA	CCGCTGACAA
246651	TCTTTGAACC	GACAGATCCA	TCGACACTAA	TTGAAAGCAG	AGGTCCATTG
246701	ACAGTACTTG	AACCCACATA	TGTACTAAGA	ATACTTGAAC	CCACAGATCA
246751	GTTGACAGTT	CTTAAACCCA	CAGATGCATT	GATAAATACT	GAAGACACTG
246801	GGCCATTGAC	AGTACTTGAA	TGCACAGGTA	CACGTGGCAGT	ACTTGACCCA
246851	CTAGTTAAAT	GATAGTACTT	GAACCCAGAG	ATCCATCGAC	AGTACTTGAA
246901	CCTACAGGT	CAGGTCCTATG	TTGTCAAACA	ACCTGTAGTC	ACACACAGGA
246951	ATAGCGGCAC	CTGTGACATG	TTCTTACCCA	CACCTCTGTT	TCCTTAACAAG
247001	GCTGAACTTA	ATGTCATAAA	CATCTGTGTC	TAATTTACAGT	GAGCTCTGCT
247051	CAGCCACAGC	ATACATFCCA	AGGGCCCTTT	CTCCCAACAC	ACACACACAT
247101	CGGCTGTGAA	CTGTTCAAAG	TACCAATCTG	GCACACATGC	TGATTTTTTT
247151	TTCATGTATAT	ACATGTGATA	GTGTTAAAAA	TTTAAATTA	AGACGGTGTG
247201	TAGATATCCA	GTAACAACATA	ACAGTGAAGG	AGAGCAGTTG	ACAATAATAC
247251	ACCATATAAA	AACTTATGTA	ATTATGTCTA	CCTTGCACAG	TGTCCTGTAG
247301	TTTCGTCTCT	CTCTTCTCCT	GTGACATTTT	TCTTTCTCT	TCTGTGTTCC
247351	TGGAGATCAA	ATCCAAGGCC	CCATGACACG	TAGACAAGCA	TTGGATCATG
247401	GGGTCACTTC	TATCACTAAT	TTTCTTTTCT	TCTTTCACAC	TCTCAGAAAC
247451	AGAAGCTTCA	TGGTTATCAT	AAATCGTACC	ATCCTCTATA	CACATAAAAA
247501	AGTAAGTTGA	AAACTTAACT	TCCCCCTGAA	GGATGTCATG	ATGGCTTCAC
247551	TTTTTGCAATTT	TGATTTCTTTA	GCTTCCCTAA	TCTTTGCATTT	GGGGCCATTG
247601	CTAAATTTATA	AAATAAAAGT	TACAGGACTA	CAAACCAATGA	CAGTGAATCA
247651	GGTGACCAAT	ATGGCTCCAG	ACTGATGGGG	CAGTAGACAC	TTTGTGACAT
247701	GTCCCCAGGG	GACTGAGCAG	TACATGAGAA	AACTTTATCT	TGCTATTTCAC
247751	AGTFCGAATGC	AGTTTAAAAAC	ATACAAATGT	TGTGTCTGGA	TTTTTCCATGT
247801	AATATTTTCA	AACTTGGTTA	GCTGTGGACA	ACTGCTCTCG	ATAGGAGGGG
247851	TCCACTGTGG	TAGTTTATAG	GAATAACGGG	GGACAGGAGA	TGATGTTTTAA
247901	CACCATAAGA	TGTAAAGCAG	TCCATTCTCT	AATATAGAAG	TTTCTGTGAA
247951	ACACTGGGTT	CATCACGTCC	ACAAGTAAAT	GTTACAGAAG	AAGGTAGAGA
248001	AGGGACTAAG	CCAGGCCATA	GGAGATTTAT	TAACTAGTTG	CAAGTACCAG
248051	CCCTGTTTGG	AACTTAAATC	ATACAGTCTA	GCTGTAAAGT	ATCCTTCTTT
248101	TAAAAACAATA	GGAGAAAACG	GAATACAGTC	TGTGAGTTAT	TAAGGGATCC
248151	TTGATAATTT	CTTTGAGTGT	TGACAATACT	GGAACGATCC	CTAAAGATTG
248201	CTATCTACTA	GCTGTCTTAC	AAATGAATCC	AAGGGCTGCT	CAAGGTGTTC
248251	TTTAGAATTA	GTCCGTTATG	AGGTCCAAGA	CACATTTGTA	TATGTCATGAA
248301	ATTGTCAACC	AATAAACAGA	TAAGGTTGGA	AAACACTCCA	TTAAAGGTGA
248351	AGAGGTCCAC	ATAAGGCCAC	AGAGAAAAAT	CAGAGTGCTT	GAATGTGGTC
248401	CTGGTGTTTG	GTGAGGAGGT	CGTGAAGTTC	TCTACGGCTC	TTCTCCACCT
248451	TACCACTPAC	GAGAATTGTA	CATGATAAAC	ACAAATTATCT	TTTGTGTC
248501	GAGAGGCCAGG	AGTCCTGTCA	GGAGGCCAGG	ATTTAACTGG	AAAGACTCTC
248551	TGCTGTTCTT	CCCACCTCGT	CTCCTCTCTC	TTCACACCTT	CGCCGTTTCT
248601	TCAGAAGCCA	TTGCTGAGCC	CCACTTGTGA	CCATTTCTCG	CACCTTCCAG
248651	AGGGAAAGAA	GAAAGCTTAA	AGGTCCAGTT	TCCGCCCCAC	TGGAACACAC
248701	CGTGGCAGAA	GCACTTGACT	CTCATCTCTG	AACCGTGGCG	ACCGGTGACC
248751	ATGTGCCCAG	AGTCGTCTGC	CAGAGAGGTT	TCTTGGGCTG	CTGATGATTG
248801	CGAAGGGGTG	GGGAGGGGCC	TTCGCGACAG	TGGCTTGACT	CTCTTCCAAT
248851	GCTCTGTGCT	CCCTCAGGAA	GGTTCCACCT	CTCCCTACAG	TGCGGCGAGG
248901	GGGCGGACCA	GGCTCTCCAC	ACCTGCCAGA	TACTGAAGCT	CAAGCCGTAT
248951	ATCCACCTTC	CCACGTGCCC	ACGTGCCTTA	TTTTTACACTG	GTTTCCAGAA
249001	GCAATAGAGAT	TTCATCCGCT	TGATTGTTTT	TTTTTAACTTT	GTCTGTGGAT
249051	AAACTTTGAA	CAGCCAAATA	AGGGCCAACC	AAGTAGGACA	GCCTCTGTGT
249101	CTCTTGTAGG	TGTCCTCTTA	ACTGTAGAGT	TGTGAAGACC	TAGTTGGAGG
249151	CAGGCTGTGA	TGACAGGGAA	ATCCATGGCA	ACCCCTGCCT	CACATTCATG
249201	AAATAATAAA	ACCTTGCAAA	CCAACAATAA	CATCCATTTG	TACTCGCTCC



249251	TCTGTGGAGT	GTATTTCAGTA	ACCTTTGTAC	TTGAATAAGG	CCCAGGGAG
249301	AACAGATGAC	TTCAGTTTCT	TATGTGCTTA	AAACACTTTT	TAGGACCATT
249351	TGGTGGTGG	TGGTGGTGGT	GATAATGATG	ATGATGGTGG	TGGTGGTGGT
249401	AATGATGGTG	ATGATGATAC	ACCTCTACAA	ATGTTAAAAA	AAACATACAA
249451	AGTCCCCGGC	TTCCCCTAGG	CTGGAATTTG	CTTTGCTTCC	TGGCAAAATP
249501	ATTTCTCTCT	TGTAAAAACC	TGGGGGGCGC	CCGAGGGCAT	GTACAGATCT
249551	CACCTGTCATC	TGTCATGTGT	CACACGCTAG	ACGTGGGGAG	CAGCAGTCAT
249601	CCATCAGGGT	AGAGGAGTAG	CTCCCCTGCT	GGGTCTCTGC	TGCAGGCTGC
249651	CTTCTGCTCC	ACAAGATTTA	GTGAGAAGCG	GGAAAAACCC	GAACCTACAA
249701	GAAAGATCTG	TGCCCTTCGG	GTGTCTGACC	GGGTCTGTGG	AAACTGTACA
249751	GATGTTCTCT	GCATTGTTGT	GTCTTTCAGA	AATCAAGGAG	CTAGATATAG
249801	TCAAGATGAA	TGACAAAGTT	TTATTTCATAT	TCAGGGACCA	CGGAGAACAT
249851	ATATATATAT	ATGTATATAT	GTATATATAT	ATACACATAC	ATACATATAT
249901	ATGTTGATAT	ATGTTTTTAT	GTGTGTGTGT	ATATATATGT	GTGTGTATAT
249951	ATATACATAT	ATATATATAC	ACACACACAC	ATAAAAAATG	GAAGAAATAA
250001	TATCACCGCT	GAGCATCAAG	TCTTATAGCA	CACAGAGCAT	AGCTGAGCCT
250051	TGTAACGACA	TAATCGCCAG	TAAGCCCTCT	CAGTAATCCC	ACTTTATAGC
250101	TGAGCTGTCT	AGTGACTTGC	ACAGGGATTT	ACAGTTTAGGA	AGAGGGCAGG
250151	CTGAGTTCTG	GGAGCCCTTT	ATCTGACGCC	AGGGCCCTGT	ATTTCTATCT
250201	CCCGTGCAGT	GTCCAGGCTCA	ACAGAAGGTA	ACAGATGTGT	AATCCATCCG
250251	GTGCCGATTT	GTCTCTTCAC	CACCTCTGTT	CTGTGTGAGG	ATCTCCGGTT
250301	ATTTTTTCACA	TTTTATAGCTA	CCCGGAGGTG	AATACAGGGT	AGAAGGGACC
250351	GAAGGCGCAT	ACATGCGCAG	TCGTCAGAAG	CAGCATAGAA	CACCGAGTGT
250401	TGGCTGACTC	GATGCTTAGG	GTGAAAGCCA	CATGGCCCTG	GTACCCAGCA
250451	AGGCAGGTAA	AGGCCATCTG	AGTGGATACT	CACCTGCAGCT	ATGAGGAAGA
250501	AGGCACATCA	GACTTAATCG	AATGGCAAAG	AAATGCCACG	TAATCTACAA
250551	TACCAAGATA	AACCTCTATCT	TCACTCAATA	AGGATGTATC	CTTTTACCAAC
250601	TACCCAGAAA	AGCACAGAGA	CTGTGTACTT	CAAGGTCCCA	GCCTTCCTCA
250651	GGCACAAACGG	CATGACAGTC	TTTTCTCAAA	GGAGTGATAC	TTTGACAACCT
250701	ATAGTCTCTTT	GTCTCTGGTAA	TTTTCTTACCC	CAATTAAGCCAT	AAATTTAAAAA
250751	AAGCAAAACAG	ACCACACAAC	CCAGTTACTA	TAAGTTATAT	GCCTAGATAFG
250801	GGCAGATCTA	TCAGTATACT	AACTTGTTCC	CAGCTATGAT	ACTCCTTGCT
250851	ACTTGCCATG	TGGTTCTGCT	CCATATTTGGC	TTCTCTCTCC	TTCTCTCTCT
250901	CCTCCTCCTC	CTCCTCCTCC	TCCTCCTCTC	TCTCCTCCTC	TCTCCTCCTC
250951	TCTCCTCCTC	GCTCCTCCTC	CTCCTCCTGC	TCTCCTCCTC	CCTGCTCCTC
251001	CTCCTCCTCT	TCCTCCTCCT	CTCCTCCTTC	TCTCCTCCTC	TCTCCTCCTC
251051	CCTGCTCCTC	CTCCTCCTGC	TCCTCCTCCT	GCTCCTCCTC	TCCTCCTCCT
251101	TCCTCCTCCT	TCCTCCTCTAA	GACCTCCCAT	CTCAGCTTTG	CTCTCCACTG
251151	CCCAATCACAC	GGCTCTAGCC	TTATTTGACC	AGTTAGAAATG	GGGAGAAGGT
251201	TCACGTGAGA	TCACCTGATC	TCCTCGAGGG	CAGCCCCCTC	CGAGGAAGCA
251251	GAATTAACAT	CATAATACAA	ACAGCAACAG	TGCACCCAC	AACCTTCCCC
251301	CTTTTGTGTC	AATACAAAGG	CTTCCTTGTT	CAGATCTAGA	TTGAGCACAA
251351	CCATAACAAT	CATGTAAATA	CAGTGTATGA	CAGTGCACCT	ACCATCCAGC
251401	CTACCATATT	TGTCCTCACA	TATTTCTCAG	TCACATGCAG	AAACACTGGA
251451	AGGAGCATAG	TACACTACTC	TGCTTCTATT	TTTAGAAAGA	TGAGACCTCG
251501	GGCTGGAGAG	ATGGCTCAGT	GGTTAAGAAC	ACTGACTGTT	CTTCCAGAGT
251551	TCCTGAGTTC	AATPCCACG	AACCACATGG	TGGCTCACAA	TCATCTGTAA
251601	TGGGAGGGAT	CCGATGCCCT	GTTTCGGTGT	GTCTGAAGAG	ATCAACAGTA
251651	TACTCGCATA	CATAAAAAATA	ATAAATCTTT	AAAAGAAAAA	AAAAAATAAA
251701	GAAAGATGAG	TCCTCTATTG	AAAAATATACA	TGCCACAGCA	CCTTTGAAAG
251751	TTATTTTCAA	TTGGCAAAAT	ATTCTGGGTG	CTTTCTCCAT	GAGAGAGGAGT
251801	TTTAAAAATGT	GTATTTGTITA	AGCTTAGCGT	TGTTAGGAGT	AATGAGGCTA
251851	CATCTCACAA	GTATAAGTGG	GATGTGCTCT	GCTAGTCTCT	CAAGTAACTA
251901	AGAATGACTCT	GTTATCTGAT	TTTCATTTTC	TTTAACATCA	AATTGAAAAAT
251951	AAAAACTGTG	TCCACTCCAG	CAGGTCCCTGA	ATGTGAGTGG	CCCCTAGCTA
252001	TAAATGGCCC	ACTATGTGAT	CTCTATTTTC	CTCAGCTTAT	TGGTTCCCTTG
252051	ACTGGCGGGC	TAGATCTCAA	AGAGATAAGG	CTTTCTGGGG	TCAGTTGTGT
252101	CACCTGCAGTC	ACATGACTTG	TCTGAAACCA	GAGTTCTCAC	CGTCCACGGT
252151	GGACTTGTGT	TGTTTGTGTT	TGTTTGTGTT	TGATTTTATAT	TGGTCACTCA
252201	TTGCAAGCCA	GAGTTATCTG	GGAAAGGGAAA	CCAGATTTAA	GAAAATGCCT
252251	CCAGCCGGCG	ATGGTGGCGC	ACACCTTTAA	TCCAGACAT	CGGGAGGCCAA
252301	AGGCAGGAGG	ATTTCTGAGT	TTAAGGCCAG	CCTGGTCTAC	AAAGTGTAGTT

252351	CCAGGACAGC	CAGGGCTATA	CAGAGAAACC	CTGTCCTCAG	AAACCCCTGTC
252401	TCGAGAAACC	CAAAAAAATA	AAAAAATAAA	AAAGAAGAAG	AAGAAAGAAA
252451	GAAAGAAAAG	AAGAAGAAAT	GAAAGAGAAA	ATGCCCTCTAT	CAGATTAACC
252501	TGTGGGAAAG	TCCGTGGGTC	ATTTTCTTGA	TTAATGGTTG	ATGTGGGAGG
252551	GCCCAGGTGC	CTATGGGTGG	TGACACCCCT	GGGCAGGTGG	TCCTGGGCAA
252601	GCCAGTAAGC	CGGATTCCTT	TCTGACCTCT	GCTTCAGTTT	TGCTCTCTAG
252651	GTTCTCTACCT	AGAGTCCCTG	CCCTGGCTTC	CCCTCAGTAT	GAAAGTATCC
252701	TGAGAACCGA	AAGGTGAAAC	GGGCCTTTCC	TCCTCACTGT	GTCCTGTCAC
252751	ACTGACGGCA	ACCTGAGAAA	ATAAGGACAT	TGTTTTACTC	TCAGCATCGT
252801	GTGTGGAGTC	AGAGGAGGCA	GGACATGTGA	GGACACTGAG	AACCTAGGGA
252851	ACTGGGCCCT	GTCATGTACC	CCATGAGACT	GAAAGCATTC	TGTTCTGCAG
252901	CCTCCCTTCA	CAGCGGAGGC	CACGGCTCTC	CACCTCTTCC	TTCTGTGGCT
252951	TCCTTGTATG	TCAGAGACCA	CGGTGGCCAT	TCCTTTTAT	TTTCTTACCC
253001	AGCCCTCGTT	GTCCAATCCC	TGTGTCAACA	GAGAGTGTCC	TTTCTTCCCA
253051	GAAGTGCCCT	AGTACTTTTC	CAGGAAGCTG	CGTGTTCCTT	CCAAGCCGAA
253101	GTGAGCTCAAT	GCTCTGGCGT	GTCAITTTGTT	TTCAAGTCTG	CTGGCTTGTCT
253151	ACTAGAGTCA	GCTAGAAAGT	GCGAGGTGCC	TGCTCAGGCC	AAGGCCAGCA
253201	CTGCTTTTCCC	CAGACTCACT	GAGTGTCCGC	AGCCTCGATA	CAGCAGGCC
253251	TACGCTAGTCT	AGAAAAGAAAT	GGAAAATGGG	TGAGGCCGGT	TACTTGTGTG
253301	TAATTTGAGA	CAGAAAAGAAC	TGATTTGGCTT	GGGAAAATPAT	AGAAAATGAC
253351	TGAGGACAC	AGCCAAAAT	AAAATATCAA	TACTTTTAA	TACTTTTAA
253401	AAAAAAGT	TTAAACTTTA	AAGTATACCA	CCAGTTCTTA	GGGATAAGGA
253451	TGGAGGTCCG	TGGGAGGGAG	GAGGGAGACT	GAGAGGCCAG	CTGAGCTGG
253501	TCAGAGGAGT	TCCGTGGATT	ACCTCGTGTC	CTTGCTAGCT	CCCAGCTGGA
253551	AAACGACAT	GATTGCCCCA	CATTATGTCA	GATGCCCTGG	TGAACCTGGC
253601	TAAAACCTCT	TATCTTCAGC	ATTCTAGACA	GGAAGGAATT	TTGTAGGAGA
253651	GATGTTTATA	GAAAATAATA	CTGTAGAAAG	ACAAAGCCAA	GATAGTCCAA
253701	GTTATTATAT	TGTCGTGTGC	GTGCTCGTTG	TTGTTGTTAT	TGTTTCTCT
253751	TTACAAAATC	CCGTGTGGGG	CTTTCTAAGT	AGAGATCTTA	CAGTAAATAA
253801	AAGTAGTCTCG	AACGTGTTTGG	AAGGAACACC	CTGAGCCCTGA	GCCTGCGCCG
253851	CTTCTGTCTC	CCCCACCCGC	TCTGTGGCTC	TGCCCTCTAC	TGTTAGTTTTC
253901	TTTGAAGAGT	CATAAGCAGC	TGGAGATGGA	TGCTGCCCGA	GCGAAGGATG
253951	TTGTGGAAGC	TGACCCCAAG	CCACAGAGTT	GTAGCCCAAT	TAGGAAATAC
254001	TTTACGACTG	CGGCTCTCTG	AGAGCTCCTC	TGGTTAGACA	GTGCGCAGGA
254051	TCCTTCCCAG	GAACCAATGG	CACCTCTGTC	TCTCTCTCAT	CTCCCAAGAG
254101	CAAGAGGCTC	AGCTCGAAGT	ACAGCTCCGC	CAGGCTGGGC	CTAAATACTG
254151	TGTGGGGGTT	CACCTTGGCT	CATCTGGAAT	TTCTATGCTAC	CATATCCTGA
254201	CTTTCGAGTCT	CTGCTTCTTG	GAAATAGTGA	GGGCTTCAAC	CATTCTTTTT
254251	CTAGTTATTC	AGAAAAATGA	AATCTGTGGT	TTAGTTCACC	AACTGTCTTT
254301	TAGTCAAGAG	ATACTTGTGC	CAGAAAAAAA	TCAAAGTACT	TGAAGTTTGA
254351	AAAAGCAATG	TGGTTTGTCA	GGCTTAGTCA	CTATCTTTAA	CTTTACCCCTG
254401	ACCATATTGG	CTCTTAGGTT	CCAAATTTTG	GCTAGAAAGT	AATTTCTTAT
254451	GATAAGAATG	ATATCCTGAA	TGGAAGAGG	TCAAATTAACA	CTATCTTATTA
254501	TCAGCAGCTC	CTCAAATAAA	AAGCATTGAA	TACATTTCTAT	GTACATTCAT
254551	GCACACACCC	TCACATGATCC	TACAAATAAC	TGATCATAGC	TTTCTCTTCT
254601	CGCCACTTCC	TCTCTCTCTC	CCTCTCTCTC	CTCTCTCTCT	CCCATCTCTG
254651	TCITTTATPCA	ACATGGGGAT	CCCAGCTACC	ATAGGAACAT	TTTGGAGAGG
254701	ACTTATAAAA	TACAATGCTT	ATATGAATAG	ATTTTCTGCT	TTATGGAAAC
254751	TAATATGGAA	ATCTCTCCGAA	AACTAAAACA	TGTGGCCCCA	CTATTGGGAA
254801	ATGAAAATAG	TGGGTGTAGC	AGATGTCTGC	ATTCACAGTG	TCATTTCTGAA
254851	TAGCCAAGAG	ATGAAACTGA	CTTTAGAGAC	TGTCAGATGA	ATGGATTAAG
254901	GATGCACATA	CACACATTTG	TAAGAGATGT	AAGCCAGGCA	CAGAAAGATG
254951	ACTGTCTCAT	GATTCGGCTA	ATATGTGAAA	TAGAGTCAT	AGAAGCCAGA
255001	GTAGAATGGT	GGATACTGGG	GGCCAGGAAG	AGGGCTATGC	TGGGAAGATA
255051	CTGGTCCAACT	GATACAAAGT	TTCTGAGAGA	CAAGAGGACA	CAGCATGGTG
255101	TTTTAATAGTT	AACAATGCAA	CATTTATTTT	AAAACCTPCAG	AGAACAGACT
255151	TCAAATGTAT	ACACCACAAA	ACTATAAGTA	TGTGAGGTTG	TATTTCAATGA
255201	ATACATTTAT	TAGACTATAG	TATTTTCTTG	TAATTTCTAT	GTATTTTAT
255251	ATTAATAATA	AAAATTAATA	TTATGTTAT	TCAAATAGTA	AAGAGAGAGG
255301	AAAGTAATGC	TGGTAGTTT	TTCTGTCTCA	AGGCTAACTT	CAGAAACAAA
255351	TGAGACTTTC	ACTCAGACTG	GTGGAATTTT	TTTCACTTATC	TTTGTTTTCTC
255401	TGCGTTAATT	TGTAATAGTT	TGAGATCTCTG	ATAAGAAGTT	TAATTTTAGA

255451	TTAGAAATAC	TCATGAGAAT	CCTAAGATGC	TGCTAACCAC	ATGTAAGTTG
255501	GCACAGTTTT	TCAAAACATT	TCTCACTCTA	TGCTTCCCTG	GAAGAGCTTA
255551	GAGAAATAGT	CCTATTTGAA	GAACGGAGCT	CCGGAGGGGT	AGCGTGGTGT
255601	CACAGTGAAA	GACTCAAGGG	GGGTAGCCTG	GTGTCACCTA	AGATAAAATA
255651	CAGAAATTCAG	GGACCTGGGC	CTTAGAAATC	ATGGGGAGAA	AAGGAAAGAG
255701	AAACTTTGCAG	AAAGGAGGCG	AGAGGATGCT	GGAGGCTCCT	CCCTATTCCA
255751	TACCATGGCC	TTGGCTGGAC	CTCTCTATGG	GAAGGATTCa	CATCTCACTG
255801	CTTTCTGTGT	TAAATCATTT	ACACCCGAGA	ATTCCAGCTA	ACACCTGCAA
255851	TGACTAGTTT	GAAAGGTTAA	ATAGTAGAAA	TAGGTTAAGT	AGTAAAAAGT
255901	TGCCCCACCAT	TGATATTGTC	TCTTAGGGGA	GTTTAAAGTT	ACACACTAGC
255951	AATTTTTCACA	ATGTCACACTA	AGAATTCCAA	GGTTAGTAGT	TGTAGCAATT
256001	GCTGTTTTAG	TGACTCCAGT	AGCAATATTT	TCTATAAAAC	GGTTAGAAGT
256051	TAATATATGT	GAGATGCCTA	TCCAGTTATG	GGGCAGTGTT	GTTTAAGTCA
256101	TTAAAGCGGA	TGCTTCATTA	TTAGGTATCT	AGGTTTCTGC	TCCTTGCCTA
256151	TAAACCCAGA	AGGGTGGGTC	TTGTTCCGTG	CCATGTGCTG	TGGTGCCTAG
256201	ANTATAGCAC	ACTCAGGAGA	CGAATATTTA	TTACATGCAT	GACAAATGA
256251	ATGAGTTCCT	TTTATGGTTG	AAGGCTTGGa	AGGCTGCACC	TGTGGGCGCA
256301	TCTGAGCAGT	TTTACCCAAG	CCTGAGTTTT	TCTTCCCGAA	CGCCGCACCT
256351	ATCTGTATGT	TGACTCTGT	GTGCAGTGG	AGAGCTCATTC	TGCCGCTTTA
256401	CATAGAGAGA	AGACGCGCCC	TACGTTGGCA	TTTTGTCTGT	GTTTATTFTCC
256451	CTCATGTTCA	ACAGTCACAT	TTTCATCCCG	ACACCCAGCA	GAGGCTTCTC
256501	ATTCAGCTTC	TTTGAAGGGC	AGCAACACTC	CGCAGCCACT	AGCTAGCATG
256551	CCTCTCCAAT	TGCTTTCCAA	CTCCCAGTGC	TCATCCCTCT	GCCCGAGAAC
256601	CACCAAGCTC	CGTTGTCTTT	GAGCTAAGAC	AGAACGGTTT	CTTCTCACCT
256651	TCCCTTGCCG	CGGTCAGCCT	GCTCCTTCTT	TTCCCTTCCC	TTCTATGTTT
256701	CTCTTTCTGG	TTTGTTTGTT	TGTTTGTTTT	GTTTGTTTGT	CTAAAGCAGT
256751	CTATATATTT	CTAGTTTCAGT	ACGATCAGTT	CTTAGAAAA	CGATTTCCCA
256801	AGCTTGCATA	GAAGAACCAA	AGCTATGCTC	AAGCGTGGAC	TCGAGTCTAA
256851	TCATTGAGCA	GCTTCTGTG	GGATAGCTAC	AATCAGAGCA	ATGATTTAAA
256901	CCTGACCTCT	AGCTGGAAT	AGGTGCGAGA	TGCTCTCAGT	CTGTGAAACA
256951	AATCCTAGTA	CGATCTTAGT	GGGGACAGGC	GTTCCTAACC	CTTGGCCACA
257001	TCCCAGGACA	GGTCCCTACT	CAAGAAATTT	CTGTGTAGAT	GAGGGGTAAA
257051	GTGGAAAAAG	CAGCCACATC	TCTGGGTCCA	GTGTATGTGA	CTCACAGCAGT
257101	TCTAGTCTAC	TTAATAGATG	GGGGCGGGGG	GAGATTTTTT	TTTGTCTTGC
257151	TTTCTAGGAC	TTTTGTGCGC	AAAGAAATTA	AGAATTATAC	CTTAAAAACT
257201	CTTATTGAAA	CTTAAGCCAA	GCCACTGGGA	GGATTGTATT	GTTTGTTTGG
257251	TTTGGTTTGG	TTTGTCTTGT	TTTGTCTTGT	CTCTTTTTCT	GTCATAGTAA
257301	AGTTTCTGTA	AGTAGTATTC	TTTTTGCAGG	CATAAACAGA	ATTGTGGCTT
257351	TTGTTTTTGT	TTTTTTCGAGA	CTGTTTCTCT	ATATAACCCCT	GGCTGTCCCTG
257401	GTACTCACTT	TGTAGATCAG	GCTGGTCTTG	AGCTCAGAAA	TCCGCTTGCC
257451	TCTGCCCTCCC	AAGTGCTGGG	ATTAAGGGCG	TGCACCACCA	CGCCCGGCCCT
257501	AGATTTGTGT	TCTTGGGCAG	CATCGTCTGT	GTCAAACCTAC	TGCGTACACA
257551	ATTCATGTCT	TTACTTTTCAG	ATCAGTAAAA	TCACTTTCTCT	TGTCAGAGTT
257601	ATCTTTCATT	GTTTGTTTGT	CTTTATCAGA	TGTCCTTATT	TCCTAAGGCC
257651	TGGGACAAGA	GGGTCTCTTT	CAGGGTCCCTA	CTCTTTCAGAT	TTTATGGTTCC
257701	TGTGGTTTCT	GCTCTATTAG	AGCCTCGCCC	CTCACAAATC	CTTTTGTGAG
257751	ACTTGGCCAC	ATCTCACAGA	GCTCACACTC	AGACCTGAGA	TCACCTGATA
257801	TCTCCCTGTG	CTACTTTTACC	CTGGCTGCTT	CCACCCGGTG	AGCCCTCCAC
257851	GTACATAGAA	GCATCAGGAA	TCAGGAGAGT	CGTAGTGGCT	GCTGTTGGAA
257901	CATCTGGCAT	CTGACTCTGA	GTTATAAAGG	AAATGACTTT	AGAAGGAACA
257951	TCTTGTATGAG	GGAAGATGAT	GAGGCCCCAA	AGGCCCGGCC	C'TTGGCAGAG
258001	CTGCTCTGTT	TGAGTCAAGG	GGAACAGCT	ATCGGTTGTT	CAGAGAGTGA
258051	GGGGAACTCG	TGCTTTAATA	ATAGGGAAGG	GAGGAGGTGG	GACAGAGAGA
258101	GCATCCCTGG	ACAGGAAGAG	CCATGACACA	GCTGAAGCGA	GAGGCTTCCA
258151	AGTGTCTCTG	AAGTGTCTCT	TGCTGGTACA	CQCTGCCATT	GAGAAACTCG
258201	TGGGTGGGGT	AAATTTAAAA	ACTGTGTGTG	TTAGCAACCT	GATTGTGTAAG
258251	GTACAAGGGA	CAGATGATAT	TCATGTTGTA	ACCATTTCTGG	CAGGAGCAAA
258301	AAGATGCCAA	AAGAAACATT	AGTACCCCTC	CCTCCCTTCA	GCTATCAGAG
258351	TATGGGACAA	AATGTCCCCC	AAGGAATTAG	AGCCCCACCC	TGGGAACTCT
258401	TTGCTGGATG	GGGAAAGGGC	TGAGCTCTTG	GTGGCAGCCA	GGAGTGACT
258451	GCAATGTACCT	TAGACAGCGT	GACCCGTGTA	AAGCAGGCCA	GAGGTTAGTG
258501	GTTGACAGAA	TCATACCTTA	ACCAACGATG	CTTAGCAGCT	AGGAAGCTGT

258551	TGAGTCAGGC	CGCTGAGCTG	TTGGTCTCGT	GGCTCGCCTG	GCCGTGGGCA
258601	TTCCCCACCC	TATCTGGAAA	AGGCACGCTT	TGTGACAAGC	TGCAAGAGAC
258651	ATGCAAAAGG	TACAAGAGAA	GGTATTTGAC	TATACCAGGG	GTAGATGTGT
258701	CTTTTGTCA TG	CCCCTTGGTC	TTCCCTGAGAA	GGTGAGAGAC	AACTGACTCT
258751	AGCCCTTTTCT	CAAAGGGAAC	TTTGTGTTGTC	TGAGACTTGC	CAAGCAAGA
258801	TTCCGTCACT	CCTATTGCAC	ACATCCTTTC	CCAGACCTTT	TAGCAACGAG
258851	ACTGACCACC	TCCTTCTGGT	AGGAGTGGGC	GC'TTCAGGGA	ATGGTGTATGG
258901	TATCACAGGC	CTGT'TTAGCC	ACAGCCTTTG	TTCCGTGTCC	TAGGGGCTTC
258951	TGAGAGAGAA	C'TCTTGAAGC	TTTCAACAGC	GAGCCTCTTT	TCGTTTGTAGA
259001	AAGGT'TCCTG	GGGGAGGCAC	GGAGATAGCA	AGTCTGTGTGT	CAGTCTGGAA
259051	CTCTCCTGCA	TTAGCACTTA	AGGGAGAGAG	AGGCTGAGGT	TGCGAAGCTG
259101	TATCGGTTAG	CTGCAAGTAC	TGSTTTTTAT	TTTACAGATA	CCATGGCGTT
259151	CCTCAGATCC	TTCGATGGTC	ATGT'TTGAGA	TTGATCACTT	GTGGAGGTTG
259201	ATCCGAGCAT	TAAGTTCCGA	GGAGAGGCTC	GAGT'TATGCC	CTCCTTGCAC
259251	ACACAGGTGC	ACAGACAAGA	TCATTTTGTCT	TTGTCTCTTT	CCTCACATGC
259301	AGACTACAGT	ACCCGGCCAT	CGCTGCAGTT	CAGGAAATG	GAGGTTGCCT
259351	CCGTGGGACA	GGAATAGAGG	AAACTCCTTG	AGGTCCAATCC	CACAAGAATC
259401	TC'TTGCCTGC	C'TTCTCCCTT	TCATGT'TCTT	CC'TGTGGACT	GGCTGGGCTG
259451	GAGGCAACGG	CACCTCAGGAC	CACCTCTGAGA	GTTTGGCAGTC	TCCATCAGCA
259501	GGGGTATCTG	G'TTACCTGCA	GGAGGCCCTG	TGT'TCCAGCC	TGCTTACCTA
259551	CTATGAACAT	ACTGCTCAAG	AGTAAGGAAA	AGGATATGTT	CCATGTGCAG
259601	CATGTGCCCT	GGCAAGAACA	GT'TCTCTTTA	AGAGTCATTC	CACACTTCTT
259651	TTAGCT'AAAT	ATCTAA'AAAT	ATCCAAAAGG	CCCCCACGTA	CCCCATCTTG
259701	CCAAT'AAATA	GTAAGTCTTC	ATT'PAAGGAG	TCTGTCTCCC	TGCCATTCTG
259751	AGAAGCAGAA	GCCCCAAATT	ACT'TCCAGCT	GAAATGGAAA	ACAAGCAGAG
259801	CAAAACAGAA	AGC'CATCTGT	GTCGGGCAGA	GATAGGCCCT	CCTTAAAGAT
259851	GTCTGTCCCT	TAATCAGCAG	AGCCGTTAAA	CCCATAACGT	ATTAGCATAA
259901	CACGCAGATA	TAGTTGAGGG	CAT'TGC'TGTT	GCTATGGAAG	ATTGTCCCCG
259951	GTCATCCGGA	TGTACTCGAA	CGCATCACAA	GGAAAAGCCG	GATGAGGGAAG
260001	CAGAAGGCGA	GTCACAGAGA	TGTGATAGGA	AAAT'TCAACT	CGGTATCGCC
260051	CACTTTGGAAG	GGGCCCTGAA	CCCAGGGACA	CAGGCAGTCT	CCAGAGGCCA
260101	GAAAAGAACA	AGCCCAGGGA	ATCTCCATAG	AGCCTAAAAAG	GAACACCATC
260151	AGCTGATGAC	TTAGCTGACT	CAGCGAGTCT	CATGTCAAGT	TTTTTGACCCA
260201	CAGGACTGTCT	AAATAATAAA	ATCGTATTTCT	TTGGGCGTGT	CTGTGGCTGA
260251	TAGT'TATGGC	AGCAATAGAA	AATGGTATTC	CAC'TCACATA	AGATACTTTT
260301	AAAAAATGT	TTGAAGTTTA	TCTGTGATGC	GGAGATG'TT	GAAGT'TATCT
260351	TGTGATGTAG	AGACAACAGC	AAGCCTTACT	GGTTGATTTCC	AGATATCTGT
260401	AGGTCCGAAT	CACACTGCCA	GGCCCATCTC	AGAGCTTTAA	GTCCCCCCTG
260451	CAGCGCTCTG	GCATGTGCAC	ACAGATGATG	TGAGT'TCCAG	AGGAACATAA
260501	GCATCCCCCA	CGTCTCTGGA	GGACAACGCT	GTTT'TAGCCCT	GGGTGGCCAC
260551	TCATCTCAGG	CTAGCCACTA	ATACTGTGGT	CAGGCCCTTG	GGCAAGCAGC
260601	ACAGTTAAGA	TTTCGTTTTC	TTCTAAATCC	TCCTCCTCCT	CTACTGTTGA
260651	AATGTGGCTA	GCTGCTTCAT	CTCGCAATTA	GAGTGTCAAT	CCTCTAATTC
260701	ACACCAACAA	AAACAGTTGG	AAAATATAAC	CGCATGGCCC	AGTCAGGGGA
260751	AGGAGGAGAT	GGGAGAGATC	CAACAGTTAG	GAACCCACTG	GGCTGAAGGA
260801	GAGGGCCCTA	GGCCAGCTCT	TCCCCAGGCT	TGCCCATGGG	GTTGTGCTGG
260851	TC'TTTCCTTA	TCACAGGATG	CTCTCTGTGT	GCTGTATGTT	GGTGGT'AAGC
260901	CCCTGCTCTC	AAGGGTTTAC	AGAACGAATG	GCTT'TAGGACT	CTPATGAATT
260951	CATAGGTTAT	TTATGAGTGG	AGAGCCAGAT	GCTCTCTAGT	ATTCACTATT
261001	CTCAGAGTAA	ATT'AATAGCA	TTTTTCTTGC	TGTGGT'TATA	GT'ACAATTGG
261051	AAAGATCAAA	TGCCAGCTTC	TTTCTATAAT	TGTTGACGTT	TCTTCCCTTC
261101	TTGCGCACAG	GAATCCTAGA	GTAGAGATCA	GCCTTATGCT	GAGTCAAGGA
261151	CCAAGAAATA	TTGCTGAGTC	ATTTTGT'TAA	ATAGAGGGGA	GGAAGTTCCT
261201	ACTGTAACAA	GAAATAAAGT	ATAATAACTA	CTATAGAAA	TACTCCAAAG
261251	GGAGCATATA	TATTGTTACT	TATTTT'TACT	TAAGGT'CACT	TAT'TTAT'TGG
261301	ACTTTTACCTT	ATTTTATAAT	CATTTT'TTGT	TGTTGTTTCT	GATTTTCTTTA
261351	GCTACTTCTC	AGAGCCTGTT	ACTTGAACAT	T'TCTCCACC	CAGTTTATTG
261401	AGTCAGTGGG	AAAAAAAAG	ATAGGACTTT	ATATAAAAA	AAATATGTAA
261451	ATAGAAAACAA	AGCAAAAACT	AGCTAAATGTA	AAAAAAAAG	AAAAGCACAG
261501	TTGTTGTCATG	AAACTGGAAA	GTGCAACTAT	TTCCCAAGTGT	TTGCTATTCA
261551	TAAC'TGTATC	CCCAGGGGCC	ACAGCCTGCT	GTCCTGCCAT	GAAACTGTGT
261601	AGTGAGTGCC	TTGGTGATAC	GTCTGTCAGA	GGGAAAGTGG	GGCATGGATC

261651	ATGACGTCAG	CGCTGCATCA	CAGATCTTGC	AGAGACAGTC	AGGGCAAAGC
261701	ACAGCAGGTC	CCATAGGGAT	GTATGACACC	ACAGCCTGCT	AAGGAAAGAG
261751	CAATTCGTAA	GTGACTTTCC	TTTAATGTTG	GCTGTGGCAA	CTGTGGTCA
261801	TGAGCTGACT	AGGTCAATGG	AATTTTCCCT	CTTTAAAGAA	TTTCTAGTA
261851	CACATTTTTT	TATTTCCAGG	GGCTGAATAT	GTGAGTTCCT	AGCAGACAGG
261901	TGTAGCTTGT	CTTTGTAGAG	ACAAACAGCA	GACTTCCATG	TGGTCACTGT
261951	GTGTTCCAAG	TATCTGCTGC	TCAGCAAGCG	AGTTGCTTTT	CTCCTCTCTG
262001	CCTCTCTGGA	GTGTAATGCT	CTTCACAAAT	GTCTGCTCTA	GATGCTTCTG
262051	AAAGGATGCT	TTAAAAATAG	GCACCTCTGT	GCCTTTTAAA	TTTGGTATCG
262101	AAACAGTAAG	AGAAAAACATG	ACACACTTCA	CAAACGGAAA	TAGGCTGAAA
262151	TTGTGATGTG	GAATAAATTT	TCCATGACAT	GATTTGATAA	AATAAGTATT
262201	GATAACCTTA	CTCAGTATCG	TGTTAAATCT	AAAACAAAAC	AATAAAAACT
262251	TACCTGTAGT	ATTTATAAAA	CTCATCCCTG	CCCTTACCAA	AAGAATAAAA
262301	AAGTCTGGTG	GCTCCAGAAA	ACATGGCAGC	TGCCTTAAAA	GTAACCATGC
262351	CACATTTTGT	TATGACCCAG	GGCTTCCAG	TTCTGGCCCC	CTCCTCTCTT
262401	GAGCGACTTG	GCAGGTGGGA	TTAAAAACAGA	CAGAAGGACG	TGTGGCTTCC
262451	CCTAAACCTA	CTAGCGTACC	TCGCCATAGA	AGAGTTTGAA	ATACTTGAGG
262501	AAGGACTTTG	CTTCTGTGGA	ATGAGAGAGT	GTTCATGCCT	AAAAATCTCA
262551	ACCTGTTTTG	GAAAGAAGTG	CATACCCAGC	TGAGGATGTA	GCGGCCATTT
262601	TTATATTGCC	CTCCTGATCC	TGTCTCTTTG	GAAAGTCCAT	CTGAAGACAA
262651	TTGTGATGTG	TCACAGACCT	GATGTATGGA	TCAGCTTTGT	GCGATGCTAA
262701	TGAGGGCACC	AAATCACAGA	AGGGCGCTGT	CTGGTCTGGG	TGTGGACAGG
262751	TGGCCACGCA	GTGAAGGGCA	CTTGCTGCCT	TTTCCAGCAC	CCACTTCCAG
262801	GGCGCCCAT	ACTGCTGATA	AAGTGAGCTG	CAGGGGATCC	GACTCCCTCT
262851	TTCACTCTCT	GTAGGCATCG	GCACACATAC	ACACAAAATA	GAATAACAAA
262901	GATAAATCTT	TAAAAATCGC	GACTTACAGC	CTTTACGGGT	TCAAAGTCCA
262951	ATGGAATAAG	AGCTGCTCTC	CTGCCCCAGC	CTGACATTCA	CGGCACAGGA
263001	AGAATAGCAA	TAATAGGCAT	CGGTACTAGG	ACCAAGAGCT	TACACTCTTA
263051	GCCACAAGGA	GAGAAGGCAC	TGGTGGGGTG	AAAGCTTGTG	CCCTTGAAGT
263101	TTGTAAGGTC	ACCTCCTCAT	GGAACCAAGA	ACGTCCTCAT	GGACCCCCAC
263151	TAGAGAGGGA	ACAGGGACAC	TCCGATTGGA	TGTGGCTGTT	ATCTGCAACG
263201	GAAGAGGTCT	GGGTACCTGC	TCCACTGCAG	CCGGGTTCAG	GCACCTCATGG
263251	CTTTACTCCA	CCCCCCCCAC	CCCCCCCCAC	CCAGATTCTT	TAAGATGCTG
263301	GATCATGAAA	CAAGGAACCA	AGGTTATGAT	GCAAGACACA	TGTGGTACGT
263351	CTACTACACG	CTAGGCACTG	TTCTAGGTGC	TAAAGGACCT	CTATCATGTT
263401	GATCTAAACA	CAGGGTAGAA	ACCAAGGCTA	TGGTAAAGAC	CACAGAGTGT
263451	CTGGCACCGA	GATGCTGCTC	CAGCAGGTCA	GACACGGCTT	CTTAGAGGAA
263501	GTAGCATTTA	AGCTGAGACT	AAAAAGTCAC	ACTAAAAACA	AATAAAGAAG
263551	AATTGGCACA	TTTGTGAGAT	ACAAGTGTGT	ATTGTATGGC	CGTTATGTGA
263601	TAGGCACTGC	TGAGGTCTCT	GATCGACTCC	GGGAAAGCAG	AGAAAGATCT
263651	TTGCATGGCT	ATTGACTGCC	TAATTGGTAG	AAGGTGATGA	TGCTCAAAGA
263701	GTGTGTGTGT	GTGTGTGTGT	GCTCGTGGTG	ATGATGACAC	AGGAATTATG
263751	AGATAGTACG	TTATGTAATA	TGTTCAGAGG	AATGTAAAGT	GTGATGTAAA
263801	GAAAGAGAAA	GTGTATAGCA	GGAGTGTGGT	TTCAAGTTAGA	GGGGTGTGAC
263851	ATAACCTCTG	AGCAGACACT	TGGAGGAGTT	ACCTGTATGC	ATCAGCTGTG
263901	AAAGGGAGCC	AGCACAAGT	CCCTCAGTTT	GAACTGACTG	GACAGTGTGC
263951	TAAAGAACAA	GAAATGTAGC	CGTGTTTAGA	CAAGAAAGCA	AAAACATCAC
264001	TGAAGGTCAG	ATCTCCTGGG	TCTCATAAGC	CAGTGGGAGC	ATTTCTGTATT
264051	TTCTCTCTAA	ATACAATGAG	TATGTGTTGG	GGGAACTCCT	ATGGGGTTCT
264101	GAGGCAAGGG	GTGACATGAT	GCAGCTTGAG	TATTAATAGG	CTCACTGGGC
264151	TGCCCTGTGG	AGAGCAGCTG	TCAGGGACTC	GAGTCAAGAG	CGAGCGGACC
264201	CAGGTGTGAG	GATAGCGAGG	CGCTGAGAAG	AAATGGCCCT	TCCTGTGTGA
264251	CTCTCCACAG	CCCACGCTCT	GCCTTCACCT	CCCTCAGCCC	TATGTCCTTT
264301	ACGCAGCCTT	TATTTTTCCT	GCATTGTTCT	AGGGACAAC	CAGGCACCAT
264351	ACTCCAGTGT	CCATGATACC	CTGCCTTATC	AACCAACAAT	GCCGTGCTCT
264401	CTATGACAGT	TGATGGGCTG	GCTGATAATG	ATGGGAGAGA	AGCCAGGAAG
264451	CATGGCACTG	TGGGAAATAC	AGCCTGTGCA	ATGAACGGAG	CAATAAACGT
264501	CTCTGGTAAA	AATACTATG	TCTGTGTTCT	TATTATAGAG	GATAAATTAG
264551	CAGAGCCAAC	CCAGATTTGA	TGTTGGTTGC	GGAATGTCTC	GAGGTTTCTG
264601	GGTCTCTGAA	ATCTTACCTT	AGGCTGCTAC	TCCTGTGACT	TCTGATAATG
264651	ACACAGCAGA	GAGCTACACA	CTGTTCTCAA	ATGGAATAGA	GTTTCCCCAG
264701	CAAAAGTGTT	AGTCACCACA	CAGTTTCAAT	ATTATGTTGA	AATACAAAGA

264751	AAAGGAAGGA	AGGAAGGAAG	GAAGGAAGGA	AGGAAGGAAG	GAAGGAAGGA
264801	AGGAAAGAAG	GAAAGGGAAG	GAGAATGCTT	GGGGCTTGGG	GAGAGGACTC
264851	AGGGCTTTAG	CCTTGTATCT	ATTGCCAAGG	ACTGGGTGTC	AATTCTCAGC
264901	ACTCCTTTGG	TGGCTCACAA	CCACCATAG	CCAGCATTTT	AGGGAATCCC
264951	ATGCCTCTTT	CTGAACGCCA	CAGGTACCAT	GTGTCTGTGA	AATTTTATAT
265001	AGTGTATGTA	ATGTATGTAT	GCATGCATGC	ATGTATGTAT	GTATTCATAC
265051	AGGTAAAAAG	TTCATTCACA	TAAAATGAAA	AATTTGTTTTA	AAACAGAAAA
265101	AATCAATTCC	TGGAGATCCA	GAGAACCCATG	AGTATAAATC	ACGGTATAAC
265151	AGATCAAGAT	CTTGAGAAAAT	GCCTTCGGAA	AAGCAGATAT	TTACATTCAC
265201	GTGATCACGC	TTGCTTTTCT	TATTTGGTGT	TGTACAGGAA	GTTTATTGAT
265251	GAACCTGTGA	GGGATACTGT	TTCCCCAGTG	TTAGAAAGT	TAGAAACTTT
265301	AATGTTTCTC	TGAAATATTT	GAGTTGGAAT	CAATAAAAT	GGGTCTTTCA
265351	ACTTCAAGCT	TCACTATGAC	CCCTTTGGCA	TGAATGTGAT	ATTTTTTATC
265401	TTCTAAAAGT	ATATAGTCCT	GACCAAGATA	AATTTATGTA	GTGAGCTTT
265451	TTGCTTTGTG	GCGCTATGGG	ATACGTGTAA	TAGCTACGCC	CTCCATTCTT
265501	CCTTCAGAGA	TGCCAGAGCA	TCATTTGTAA	TTAAGGCCCA	AGATCCAGTG
265551	GTGCCAACCT	CTGTAGCAGC	CCAGACTCCT	AAGAGCCACA	TGGTGAACAC
265601	AGCCAGAGTC	TCTGGGAGGG	TATGGGGAGG	GGGAGTCAGA	ACTGCTTAAG
265651	GATAAGGTGC	TGCCCTCTAG	CTGGGTCCCG	GTCATCAGCA	GATCCATATG
265701	CAGGGACAGA	GAGGCCACGG	GCATTGCTTG	AGGGCCACAC	TACTGCTGCC
265751	TTTACTGTCT	TGAGCTTCTG	ATGCGTGTGC	TAGTCAATGT	GCACATAGG
265801	TTGTTTATTC	CTCTTCCATC	TAAGTCACTT	TCCCTAGACA	GCTCAGTCTT
265851	AGTGGTAGAA	TCAGGGCAGG	ACCTGAGGAC	TTTTCATGTC	TGGGTTATCT
265901	ATCAAGAATA	CAGATAAAGG	AGTCGTTACG	TTTCCATCGC	CATGTGAGACA
265951	AGTTGAGAGT	AAGGGACAAG	ATTGGCGAAT	AAGGAACCGG	GTGCATTGAG
266001	GTTGAATGCC	CACGTGCCTA	CCTGCCAATG	AAGGGCTGTG	GATGTTCAT
266051	TTTCACCTTC	ACTGAAAAGA	GGAAGAAAAG	TACAAAGACA	ATACCAATCC
266101	AAACATGCCA	CCCATTCTCT	ACTGAGTAAT	AAATTCAGTG	GCGAGCAGCT
266151	GCCTAGCAGC	CAAAAGGTCC	TGGGTTCAAT	CTTAGCCGAG	CATAGTGGTT
266201	TACACCCAAT	ACTCTGGAAG	CTGATGGAAG	AGTATTTGCCA	CAAGTTCAAA
266251	GCCAGCCTGG	GTTCGATAGT	GGTTTCTTGG	CTAGCTAGGG	CTACATAATG
266301	AGATTCTATC	TGAAATCAAA	CAACATCAAT	GATTCAAAAA	AAAAAAAATC
266351	CTTGCTGTAA	TTATGTGACA	GTAGTGAGGG	CAAAGACCAC	ATCTTCTTGT
266401	GGCAGCCAAA	GATACACATC	CTATCCTATA	ACCTCTTGGA	CCCAAGTGG
266451	AATGAAGAGT	GTCCAAAGCC	CTTAAAGCAA	TGGCTGTGAG	CAAAAGGCTT
266501	TGCTTCTAGG	CTGTCCAAAT	TGCTATGTAA	CGTAAGCCTT	CTAAATTACC
266551	CTCACCCAAC	TTGCCACGAT	GCTGAACATT	GCTTTCCGGT	AAGCTTCGTA
266601	AGCCACCTCT	TGAAATAGGG	ACGCTCTGTG	CTTCTTTGAA	AGCTGGTGTG
266651	ACTAACATAG	CAGAAACACT	GCGAGAAGAG	AGGATGGGAG	CGAACCAGTG
266701	TGCTTTAGAG	ATGCAGAATT	GCGAGGGGGA	CCTTCAATGA	ACACAAATAT
266751	GCTGACCCAT	GAATCATGAC	AGGGCAGATT	TACTCTGCCT	TAGGATGGCA
266801	GAGAGTCCAT	AGTATGCTCG	AAGCCATACG	AAGTGTTAGG	GGTAGCCTTA
266851	TACAGTAATG	GGCCTAAATT	GGCCATCCTC	ACCCAATCCA	ATGGCTGCCT
266901	TTGTGTCTCG	CCCAACTCCT	GAAGTGTGTT	GTGAAGGTTT	GTTAAGCAAG
266951	GAACAGCTGT	GCGGGGTCCA	GAATAAAGAC	AGTCTGAGAC	CATACCTCAA
267001	AGGGATAATG	TCGAACTTTG	TTGTCTCCAA	TAGTAATAAT	TTTCTAAGTG
267051	ACTACGTGCT	ATATAGGTTT	GAATTTTGGG	CTCCATTTTT	TTCTTTCTTT
267101	TCTTTTTTAT	TTTATTTTTC	TCAGTGCTAG	GAGTAGAATC	CAAGGCCAGT
267151	AGACCTGCAG	TGAACATGAT	GGCCAGAGCT	GGGGGGTGGG	GAGAAGGGTG
267201	ATACCTAGAC	GGGGACTCCC	CCTTCTCAGA	GGAGAGGGGG	AGGGAGGTAT
267251	AGAGAGGGGG	AGTTTGTGAT	GAGGGGGTTC	CAGGAGGATA	GGGGGAGATG
267301	ATATTGGGAT	GTAAGTGAA	TAAATAAATA	GTCCAAGGCC	AAGAAATAGAG
267351	TCCAATTCTG	CCTTCTAGGC	ACTGAGTTAA	AGCCCAGGCC	CAGTGAACAA
267401	GGGCTCCTCT	GTTACTGATG	CCAGAATAAA	GATGCCAGTG	GCTCTCTTCT
267451	TTGACCTCCC	ATCTGCTGAC	ATAGTTTTTA	GGAAGCCCTT	GATTCATAAG
267501	CCTGTTCCAT	AGACTTTTTAT	TTAGAGAGAC	AATCTTGGTT	CAGCTTAAGA
267551	TTTCTGGACT	TTCTGATGGT	GCAAAATGCA	ATACCTGTGT	AGTAGAGACT
267601	GTTCATAATT	TGAACCTCAG	TCTTTCCCTG	GTCCAGCGAT	ATTGTTCAAA
267651	TGGTCTCTGG	CAGTTTCTGG	CGATGGCAGC	AGCAAGCGCA	GCTCACAGCT
267701	AGCCACAGTC	ACAGGAGGAA	ACTGACTGAC	CCTCTGTGAG	TAGCAGGTTG
267751	CTGAGCTGGC	ACGTTCCCTG	TGTTAGTGCT	ATTCACTGCC	TTCTTTGCTG
267801	ACAGTGGCTT	TAAGTTAGGA	TGTATTTATC	AGGATATAGC	TCCAGTAATG

267851	CAGGCCCAT	TGTAATCAA	TAAATGTAGC	TTATGGAGTG	ATGAGGCCAA
267901	GTTTAGTTGT	TAGTAGGCTG	CCTTTGCCTA	CAGCTGTAGT	TATATCGAGG
267951	TGTGGCTGCC	TCTGATCCCA	GATACCTTCC	AGACCCACGG	TGCCTTGCAA
268001	ACCTTACTCT	GGGCTTCTAG	CCCGGGGAGA	CGAGAAGGGT	GACCTTAGGGA
268051	AGGAAGAAAA	GTAAATGGGAT	TCAAAATAAA	AGACATTTC	TTGCTACTTT
268101	TGTTGTTAAT	CCATGTCAGC	AAGGTTGGAG	TGGTTTAGAG	GGGCTGGGTA
268151	GTGCAGCTGG	ACAACCTCCA	GCCTTACAGC	CGGTCCCCCA	GAGGCTGGAG
268201	CACCGTCTTA	GTTTTFACAG	TACTGTGTGG	CCTGAGGGTA	GTTTCTCTAG
268251	ACCTTAGACCT	CTCAGATTTT	TTTTFCTAC	CCAGAGGGCA	AGCTATAAAT
268301	GACACACAC	GAGGACTGCC	ATAAGATTCA	GCAAGAGGAG	AGGCATGGGA
268351	GCCACTGGG	GAGTTTAGCA	GTTTCTTACT	GAGCTAGACA	TAGCTTATAC
268401	TTTGTGACCC	CAAGTGCTCC	CTACCCTTTA	CTCAAAATGCT	AAAAGCATAT
268451	GGCCACACAA	ACACTGACAC	GAGAAATGCC	ATAGTAGCTT	TATTCACAGT
268501	TGCCAGACTT	TGGAAGCAGC	TGAGACACTT	CAGTAAGCTGC	GCTGGAAGAAA
268551	GCATTGTAGT	TCTATATTAT	GGTAGACTGT	TTATTTCGGCA	ATAACAGAAA
268601	CGAGTTGGCA	ATCCATGAAA	GGACATGGAG	GATATTGATG	AAGGCACATG
268651	ATTGGTACAA	GAAGCCAGCC	TGAAAGGGCT	ACCTGCGGTG	ACCCCAACTG
268701	GATGCACTCT	TGAGCTGACT	CTTCATTGCT	GTGACGATAC	CAGAAAGCAG
268751	GGTGAAAGTT	CAGGGAAGCG	GGTTCCCTGG	ATGCCAAGCT	CCCATGGTTG
268801	TGTGTACACA	TTGCTTTGAG	TCGTAAGGCA	GGCTGAAGCA	TTGTGGTGGG
268851	CGGTGTGAGC	TGGGGGCAGA	GGTTGCTTAC	TCATGGTAT	AAGGGAAGGG
268901	ACAGACACAT	CCTTATTTC	TCCCGTCAGT	GCACTGAGCC	ATGAAGTCAG
268951	AGCTCAGAGA	ACCCAATCAC	TTCCCCCGAA	CTCCCTATTT	CTGATCTCTG
269001	CTATGTGAAG	TGAACAGTGA	GATGCTCAAC	ATGTGAGCCC	CCTGGAGGCT
269051	CACCCTTACA	TGCAGACAGA	ACTGTGGCAT	TCTGGGAAAA	GCAAAACAAT
269101	CAGAAATTAAT	AAAAGGCTAA	CGTTTGCCCA	GTGTTTCAGGA	AGGGGATAG
269151	AGGGTGCCCTA	GGTGAACCC	TGATATGTGA	GAGCAGAGAA	GCCATTCCGT
269201	GTGACACTGT	AATAGATCCA	GGGCACGTGT	TGTTGTCGAA	CCTACATTGC
269251	ACAGACACAGA	GAACATGCCT	TTACATGATC	TGCGGATCTT	AATAAACRAG
269301	CCTGCTTTCT	GAAAGATTTA	ATAGGCTAAG	CATAGATAGG	ACAGACCTAA
269351	CTCCCTAGCA	CACAGTGGTG	TGCGGACCAT	CTATGAGACT	AGTTTCTATT
269401	TGTGTTACCA	AAAATGGCAC	CACATGCACAA	TGAGAGATTA	CCACCTTTTA
269451	CGGCCAGAGA	TGGGCTCAAA	GGGCGTAAAT	GTTCTCTCAC	TGSCCAAGTT
269501	AATGATAAAT	TGTGGCCCAA	ACCAAGGAAA	GCAAACTAGC	TTGTGCAGGA
269551	ATTTTGGATT	TGTAGACACT	GTGATTTGTA	GCTGGTGTGA	AGTCTGGGTG
269601	TGGACTTGGT	TAGTCACCGT	GCACCTTGCAA	AAGACTTGCA	CTTGAGTTGA
269651	TCCTTTCCAG	ATCCAGTACT	GTTATGTAAA	AAACTCACTT	TAATCAAGAA
269701	ACGGGTCCAA	TACAGTATCC	TTATTTGTCT	CTTGAAGTT	TCTCCTCTTT
269751	TGTTTGTAGAG	GGCCTTTGTG	AATGATGCCT	GGTTTGTGTT	TGTTTGTGTT
269801	TTTGGTTTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGCGTTT
269851	GTATTGGTA	TTTTTATTTT	GGCATGGCTT	AAATTTAAAT	GGGAAGAAAA
269901	GATAGGTATT	ATGAATGTGA	ATGAAATGCT	AAATTTATGG	AGAGTTCTAA
269951	AGCCTTAAAA	TGGTACACAG	AAAACCTCGC	CAGCACCTAA	TGGATGGAAA
270001	GGGTTAAATA	GTACATAAA	AAGCAACCTA	TTTTTATACT	GCAACCCTTC
270051	TGCGCCAAAG	TTCCCTTTCT	CCTGAAAAGC	TAAAGAACTT	CCCAAGTGA
270101	CCCATCAAC	AAAACCTCGC	ATCTGCTGCA	GCACCTGTGA	AGGTGTCAAG
270151	AGCCTACAAT	AAGTAGACTT	TGAATTTACA	GCGCACTTAC	TATATACGTA
270201	AAGTAATGCA	AATGTTACAT	TCTCCACCTT	CTTGCTTGGT	AGCTTCTCTT
270251	AGCTCAATTC	AGAAACGGGA	TTATAAGCAA	TCAGAAGACA	CTGGGCCAGA
270301	CACCTCTCTCT	TTCTTCTATG	GATACACAC	TGCTGTGTGT	TGGATGTGTG
270351	CATGTGTGTA	GGTCAGGGGA	GATCTTAGAA	TGGCTCACTT	CCCTAACAC
270401	ATGGGGGTCC	TAGGTATTGA	ACTCAGATCG	CCTGGCTGGG	TGGCAGGCGC
270451	CTTTACCCAC	TAAAGAACCTC	CTTTATACAT	TGCTGCTGTG	ACGTTCTCAC
270501	CCATCCACAT	CGTGCATGCC	TCTGGGAATT	CTAATGCCTG	CTTCTCTTTT
270551	TTTCTTTCTCT	CTTCTTTCTT	TTCTTTCTTT	CTTTCTTTCT	TTCTTTCTTT
270601	CTTCTTTCTCT	TTCTTTCTTT	CTTCTTTCTT	CTCTCTCTCT	CTCTCTCTCT
270651	TTCTTTCTCT	CTTCTCTCTC	TCCCTTCTCT	CTCTCTCTCT	CTCTCTCTCT
270701	TTCCCTTTCT	CTTCCCTTTT	CCCTTCCCTT	TCCCTTCTCT	CTCTCTCTCT
270751	ACCACCATCC	ACCAACGCAC	GCCGCAGCCA	AATACAAGCA	AAACGAAGGA
270801	AGAAACGAAA	CACAAACGAG	GAACCCGAAA	ACAGATGAAA	CTCGGAGGCA
270851	ACAGCCCAAT	AATGTGAACG	CCAAGAATCA	CAATAGCAAC	TCCTACTAGA
270901	AACAACCTAA	CTCAGCGAAC	AACGATCCAA	CAATACGGCA	GAGCAATCA

270951	ATCCAAGGAA	CCACACATAA	AATGGAACGT	AACAAAGACG	GATTAATCAA
271001	CAAAAAGACA	CAAAGCGACC	CGAAAGGGTC	TCAGAACCCG	AACTACTCAA
271051	CTATGAGAAG	ATGACCAAAC	CCACCATAGA	TTTATTGCAG	ACCGACAACC
271101	AGGCGACAGA	ACCACATCGG	ATGATCAGCC	ATAACAAAAC	ACCGATGAGC
271151	TAAGTGCATTA	CGGAATACCA	CGGAAACAAT	TCCGAAACGA	CGGCCTTCAG
271201	ATGACGAGGA	AAGCGGAACA	CCATACCGA	ACCTGGCGTC	TATGAGAAAT
271251	TGACGAGCAC	TGGCATCGAT	AAAAGGATCA	GGATACGATC	TCACCTAGAA
271301	CGGACATCAA	CAGCCCTACC	TTAACCGACC	AACCAATGGC	AAAAAGGGGT
271351	GGAGCGAAAT	CTAATACGGT	CGCGCAACAC	GCATAAGCGC	AGAGTAAACC
271401	GGCCACAGAT	CGCACGTGA	ACGCCGACCA	GAGCGCAAAA	TAAATTGTAT
271451	CAGCAACTGA	ACGACTATCA	AATACAATAC	AAACACGTA	TCCGAGACGA
271501	GACCAGCAAC	GATCAGATCA	GCGCACAGA	GCGACTGACA	CCGATACGAC
271551	CAACGCTAGA	CAACGTATGC	GCTCAAACAG	TACGCGACGA	AATAACCCAGC
271601	ACCGTGTGAC	GATGTGAGAC	TCCATAGATC	CGGATTATGC	ACCGACCTTA
271651	ACGCGCAATA	GACGATGTCC	GAACACTTGT	ACTGGATCAC	GACTGGGTGA
271701	CTCACCCACA	CATATCTCAC	ACGAGCACAG	ACAGTACGCA	GATGTAGATC
271751	GACGTGCACA	GCTCAGTATA	CATCTAACTG	TGCTGAGCTC	TCGATCTAAC
271801	TATACGCACC	TACTCAGACA	GATCGACGXX	XXXXXXXXXX	XXXXXXXXXX
271851	TCCCCCTTCC	CCCTTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC
271901	TCTCTCTCTT	TCTTGCTTTC	TTGCTTTCTT	GCTTTATTTT	AATGCTTGAC
271951	CTCTGTCACT	ATTCTGAGTT	GAGTTTTCTG	GCTCATCCCA	GATGCTGTTA
272001	ATGAAGATCC	CAAAATCCAAG	AAACCCCTCAG	TGGTCCAAGT	GCCAGCAGAG
272051	AGGCTCCCAT	CCCAAGATGG	CATGAACTG	GGGTCCCTCGG	ATGTTAAGGA
272101	ATCATTTGGCC	TGAGGAGGAT	GTGTATCTGA	GCAGTGTAGG	GGGACAAGAC
272151	GAGCTTAGAG	TGGCCCAAGC	AAAGTAGAGA	AGGTGTTAAG	AGTCTGGGAC
272201	AGATGGGTGG	CCAGGCCAGC	CAGAACCTTC	CTTTTCTCCA	GATGCTGTTA
272251	TCCCAGGAGA	GGAGCCTACT	GGAACCAAG	GAGGTTGCTC	TCCAACAAAA
272301	CACAAATTTGA	GGGGTAAGGA	GACAGTGAAG	GGCAAGTGAG	GGCAGCGGAA
272351	TTGGTTGTCTA	TAGCCTGGTG	CCCTGAAGAG	GTTCCTCTGC	GCTGTGGCTGA
272401	GTCCATGTGTG	GGGCTGTGCC	AGGATGGAAG	TGCAAGCGAC	GCTTCACTGC
272451	TGGCTGTAGA	CATATTGTTC	TCCCTGTCTC	TTAGACGGGA	TCCAATTTC
272501	CTGCTTGAGC	AAATGTGTTC	TGCTAAGGAT	GCAGACTCTG	CTAAGGGCCA
272551	AGGCCTCCGT	GGAGTTGACC	CGACCTCGCA	CTCTGAAGCG	ACAATATTTG
272601	GGGGAAGAGT	GATGACTAGA	TTCTCTGATG	CCCCGAAAT	GAGGAGGGGT
272651	CAAAATGGGTC	CATGTGTACT	GTAATATAAC	TTGTTTGGGA	TAACTCTGAGC
272701	ATACTTCCCT	GTGTCTTCAG	GACTCCCAAG	ATCCPGATCC	TACAAGACAG
272751	GGATGTGAGG	AGGAACATTA	GCAGGGAGGA	GTGTGAAGAA	AGATCTGCTA
272801	GGAAGGAGTG	CATACAGAGG	ATGGGATGAG	GACCAGAAGC	CACCCGCTGA
272851	CAGCAGTGTT	CCCGGGCATC	TGGCAGAGAG	CAGCCTCCCA	GCCCCGTGGG
272901	AACTGAAGAG	AAGACAGGAG	CAGATACAGA	GGGGAGCCCT	GCTACACAGT
272951	ACCCCCAAAT	GCAGTGGGAC	CCAAAAATTG	ATGTGAGAGG	TGGCTGACTT
273001	CTGAACAGCC	TCACAAGGTC	ATAGGGCACA	CCAAATAAAG	CGCCTTCCAG
273051	TTTTGTATGCT	GTGATGTAGA	GACGGCACCG	GCAAAAGAGCT	GCAACAAGAA
273101	GGAAACAATTA	GCCAATTTCAT	TACGTTGACA	TTTCTGGCCA	CAAGGTCAGT
273151	ACTTTTACAAA	ATAGGGCCCT	TTCCCTTAAT	TGGGGTTGTG	ACAGATAAAC
273201	GTGTTTCCCT	ATCTGACTCA	CGGTGTCCAT	GTGGCCAGGC	CTATTATATC
273251	CCACTTGGCC	TGCCTGTCT	GTGTAAGAGG	GCTTGTCTGT	TGTACCACTC
273301	TTGGCATCTC	TGTAAGGAT	TCAAACGGAG	TCAACACAGG	GCCTGCTTCC
273351	TGTTCTTCAG	CCAGAAGAGA	AGACTCATCT	ACATACAGAC	GGAGAGCCGG
273401	CAAACTTTCG	TGGATCAAGA	GTGGAGGAAA	ATAGAGGGAA	TGGGAGAGGG
273451	GTCATTTTAAA	AACCACAGTT	CACATGAGGA	AAACCTTAAC	AAGAACTCTG
273501	GATACCAGTT	CAAAATGAGGA	GCAGGGATAT	TCAGAAATGA	AGCAGGAGGC
273551	TAAAAGGCTC	CACAGACATC	ACCTGAGATG	CTCGAGAGAG	CAGCAGGAGG
273601	CAGTGTGTGA	CATTTCAAAG	CACATCTAAG	GGGCCAGGTT	GCCTGGGTTT
273651	CACCTTCTGGC	TGGTTCACTT	CAGGCAGTCT	GACCTTGGCG	AGTTCTCTGCC
273701	CACGTGTGCTT	TAGTTTTTTG	CTTAGCAGAT	TGACGATACC	TTGGTGCCCT
273751	CCTTTAGATC	TTCTATGAGA	ATTGAGCAGT	GATGGTTAGC	TGTAATATGCC
273801	AGCCCGGGAC	CCTAAAATCA	CCTGGGAAGA	GAGTCCCAAT	GAGGAATCAT
273851	TTTGAGCAGG	TCGGCCCGTG	GGAAATGTCT	ATGACGGGTT	ATCTCAATTG
273901	TGCTTTATTA	TGTAGGAAGA	CCGACGCTGA	TAGCGAGAAG	CACACTTGCC
273951	TGGCTTAGAC	CTACCTAGGC	TGTGTAAGAG	CAGAGAAAGC	TAGCAGAGCA
274001	CCAGACACGC	ATGGCGTTCT	CTCTCTCCGC	GCTTGGCTGT	TGATGTGATA



274051	CGATGGATGA	GTCTCTTCAA	GTTCTGACCA	GTAACCTFCCC	TGCAGTGATG
274101	GGTTATCATG	GATGGAGAAC	AAAAGCAAAC	CCTTCCCTCTC	GC GCGGTTC
274151	TTTAGCCGGG	ATATCTTACC	GCACAGCAGA	ATTGAAAGAT	GGATAAGCAA
274201	GTGAAGCCGA	GACAGAGAGA	TGTCTGGCAA	GGAAAGCAAT	TCCTCTTCTC
274251	CTGTGTATAG	GGAGGTAGAT	GTGGGCTATC	CCAGGCAACC	AAAGAAAGAGC
274301	CGCTGCTGAA	AAACCGATCT	CAGCACACAG	CATAACGCTT	TTTGTAAATTG
274351	GTTCCTCCCGA	AAAGTACTTT	TGAAAAGTAA	CGGGCCAAGA	AAACCGCCGGA
274401	ATTAGCTGGA	TTATTGTGTAG	CCCAGAGCCCC	CGTGGGCTCT	GCCTTTCTAG
274451	CCGTGTGGTT	CACACTTTGA	CTTTTGCATC	CCCTGGGCAT	CTCCCACTGT
274501	ACACATTTCAA	ACATACCTCT	CAGTGTCACT	CCTACGTGCC	GCTCCTGCAT
274551	GCAGCTTCTT	CTGGGTATT	ACCACATGTG	TTTGAGTACA	ACGTGTATGT
274601	GTGCATGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT
274651	GTGCCACTCT	GC GCATATGA	AAGTCAGGGA	ACAGCTTCAG	TCCTTCTATT
274701	GTGGGTGGGA	TTGAACACAG	ATCATCCAAT	TTGCCAGAT	AGCACTTTTT
274751	TACTTGTCTGA	GCCATCCCAT	TGGCCCCAGC	TTCTCCATTT	CAGTTCACGC
274801	AGTGGGAATA	CAGTGTACCC	AGTTACTCAA	ATTAGAAGCT	GGGCGCCCG
274851	AGACTTCCTCT	TGTCTTGGCC	AGCATTTAAC	CCATCAGCCT	ATGTCCATTT
274901	CCTCTCGGTA	TCCTCACACC	CAATCTACTT	TTCTGTATAG	CTCTGCCCC
274951	CATCTTGGGT	CAACAGTCAA	TTTTTCCCTTG	AAGTGAAGCT	CTTAAGTTC
275001	CTCTGGCTCT	ATTCTTGCC	GACTCAAGGC	CAGAAAGCCT	GCAAGGAGCC
275051	ACGGAGTACT	AAACCAACAT	CCATCCCTAA	AGAGGTTCTC	AGCCCCGGGT
275101	CCAAAGTGCAA	TGCTCTGTGC	AGGCATCCTT	GGGCTTTGCT	GGTTCAGCCG
275151	CATGCACTGG	CATCCCCCTT	CCAGCTTACT	CTCCCAAGTA	CAGACAGAAT
275201	CGTGTTTGCC	ACCTAGAAAC	TGGGCCATGC	CTCTGTGTTC	AGCTTGACCC
275251	TCATCGCTGG	TCCTCTGAAG	TTTTCTGTGC	CCCTGAGCTC	CAAAGCAGAT
275301	CCCAGCTCA	TCTGTCTGCG	AGTTCCGTGC	CGTGTCTTTT	CTGGCTCCGT
275351	TCATTATCAA	ATCGACATTA	ATCAGGGCAG	CAGTTTGTCT	TTGAAACAT
275401	GCCTCTGGAG	AGATCACAGA	ATGTAAGCTC	CCAAAGAAAG	CTCAGAGACA
275451	TGGCTTAGTG	CCGAGGCCAC	AGATTGAACC	CTTGGGCTGC	AGCAGTCTGT
275501	TACACAACAT	TTTGCTTGCG	TTACATAGCA	TACTTAAATG	TGTGTGAGTT
275551	TGTTTGTTTT	TTTTTTTAA	TCATTGACAT	TATGTAAAAC	TAAAGATTT
275601	TAGCCAAATGA	TGGAAGTGCA	TGCCCATTTAT	CCTGGCACTT	GGGAGGTAGA
275651	GGCAGGAAGA	TGTGATCGTA	ACCAGCTTTTG	GTATATAGGA	AGGCCAAGGC
275701	CAGTTATGTG	AAGCTCTATC	TCAAACAAA	CAAAACAAAT	CAAAACAACC
275751	AAACAACAAA	AAACCTAAGC	ATAACCAAA	ACACACAAA	TCCAGAGAGA
275801	TTTTTTT	CTTAAAGTAC	AAATCTGTGG	CTTCTTCTC	AAAGATTGCAA
275851	TGTGGAGATA	TTGGAAGTCT	CTCGAGGGGC	TACAGTTAGC	TCCTCGCAAG
275901	CAGCAACTGA	CCCTAAGTGA	GACATGTCTT	TACGGGTTC	CCTCAGTCCA
275951	TGTGGATCCA	CATTTACACT	AGTTTATACT	CTTTACTACT	CCATTGGAGA
276001	TATTTGCACT	TGCAGTTT	GGAGCTCGTT	CAACTCTTAC	ATTTTACAGA
276051	CGTGAAGGT	GAGCCCGGAA	GGTGTACGCG	CCATCCCTCG	GTCATGTCTC
276101	CTAACTCCTG	AGTCTCTTAT	CTCTGTATTG	AACACAATAT	GCAGCTTGGT
276151	TTGATAGTCT	CCCCACTGCA	CCTGCCAGCT	AACATGCCCT	CCAGTTGTTT
276201	TTGTTTGTAT	TTGTAGCCCC	ATGGAACCTA	GACCTTATGC	TCTGGAAGGT
276251	CAAGATGACA	TTCTAAGAA	GCACCTACCT	TACTTTGTAG	AAGACTATCG
276301	CCCAAGTACA	CAGGGTGACA	AAACGGGAGG	ATTAATAGGG	ACAGACAAGG
276351	TAAATCTGGA	CTCCAGACTC	CTCCTGTGGT	ACTGGAGGAA	GGTAGGGGAG
276401	AGAGCTTGGT	TGTTCTCATC	CTATTGACAT	GCACCTGAAT	ATATAGACAG
276451	CTAGGAGTCA	GTGAAAGAA	GGTGAAGTTT	TGGCATCTGT	ACCAATATTG
276501	TATTCCTTTT	CCCCAGTACA	ATTACTGTGG	ACTGTGCCAT	TGCTAAGCAA
276551	AAAGGAAACT	TGAAATTTTC	GTTAATGAAC	AATGGCCCTG	GCCAACTCAA
276601	AGGAGTTGAG	AGACCTGTGT	CGCAGACCTT	AGAACTTTAT	GAAACTTCC
276651	TCCTGGGTCC	TTTAGTGAAG	GAGACTACAT	TCAACCCTGA	GGAAGCTAAC
276701	CTCAATGACT	ACGGGACCCT	CCTAGCTACT	GAGTCATTTT	GTGTCCCCTG
276751	GAATCATCAC	TATGCCTCTA	AAGTACAGAT	GCATTGATTA	TTTTCTTGCC
276801	GCTGGGATGA	AACACACTGA	TCAAAAGCAA	CTTTAGAAGG	AACGGGTTAA
276851	TTTTGGTTTG	TAGTTTCAGA	GGGTTAGAGC	CCATCATGCC	AGGTTATACA
276901	ACAGAAACAG	GAAGCCAGAA	AGTCACAGGC	GTACACATAC	ACAGGAAGTA
276951	GAGAGTGACT	TAAGTGGGGT	ATACCCCTCAG	GGCCCCTCCC	CAGTGACCCA
277001	CTTCCCTTGG	CAAGGTTCCA	CCTCCTAAAT	CTCTTATAAC	CTCCCCCAAA
277051	CAGTGTACCC	GACTGGTGAC	CAACCGTTAA	CCCATGTGCC	TATGTGAGAT
277101	ATCTCTCTCA	GTGAAGCCAC	CATACAAGCT	TACCCCATGT	CATGATTGAC

277151 TCTAGACTTT ATCTGCCC TG GCAACCATAA GCTTCTGTAT AAGTGCAGG  
277201 GAGGCGGGAC ATCTGTGAGG AAGAAAGGCA TGATAGGACA GGTTCACAAA  
277251 GAAAAACAAT GGGTGGATGG ATACATGACA GGCATTCCGC CTCTGGGGTC  
277301 TGTTTTATTFA GACCGTTCCTC CTCTTCCTTG ACCGTGAATG  
277351 CCTGTGTGATG CTAATATGGCA CCTCCTTTCT TGGTATTTAA GGGTATCCAA  
277401 GACCTCCTGA GTCATAGTCT CTCTAGCGAT TAAGTAAATG TGACTAGACT  
277451 ATGTATCAAC GAGAGAATTG TGGGATCAGG GAGCAAGGTA GGTGAGTGAAC  
277501 CAAAGCACAT CCCATTGCGC CCATGAGCAC CTGAGCGTCA CGCCTAGAAC  
277551 CCAGATTAAA GAGCTGGCTG TGATGGTGTG TGCCTAGTAG CAGTCCCTAC  
277601 ACAGGCGGGG TGCAGGCAGG CAGATTCTTA GGGCTTACCG GCTACCCAGC  
277651 CTTAGCTAAT TGGTGAATCC CAGGCTAATG AGAGACCCCT TCTCAAAACC  
277701 AAGGTGGACA GGACCTGAGG ACAATGCAT GAAGTTGTCC TGTGGCCTGC  
277751 ATAAACTCAT GCATGTACAC ACACATGCAC TTGTGTGCAC ACATATACAT  
277801 CCGCGCACAT ATGCATGCAT GCATACACAC ACTTGCATGC ACACACAATAC  
277851 AGGCACACAA GCATATGGGA CAGGAAGGGA GAGGGGAGCA AGAAGAAGGA  
277901 GAGAAATATG TTGTTCCAGG GCAGGCATGG ATGTAGAAAT AATCTCTCTT  
277951 TCAAACCTTGT GAGTCATTGC TCAGAAATGA CAGTCCGATT TATGATGCAG  
278001 GGGATGTCAT TCCTGCTGAC AGTCAACTAA TGAGGGTGGT GATTTATGCT  
278051 AGCAAAGGGA CTTGTATGAC TAGGCTCACA TTGTTGCTAT GAAPTTCTGG  
278101 GATCCTGGGG ACCCTTATCT GTTTTCCACT TTAAGAAAGGA TACCAAAAAA  
278151 GATGCTCAGT AGCCAGTAAC TCATGCCATC CTCTCGCACT CTTTACCCAC  
278201 AGACAGACAA TAATAACTTT TTTAATTGCT TCTGCTAATG CATTTAATTG  
278251 CTTGGATCAG TGGAGATACA AACCACCTTT TTTTCTTCTT CTCTCTCAAA  
278301 GAATTTATCTG CCACCTGAAT ATTTCAGCCA AAGATGTGTT GCTCTTATTA  
278351 ATCCCTCTGCG AGCTCAGGCT TTGTTTGTGT GTTTGGAGGT TGAATCCATT  
278401 GATGCTCTGG CTTCTCCCTA TCCTTTTAGA AATGAGGAGT CTCTCCCTGT  
278451 AAGGCTATGG CTCATGCAGA AGTGGCCATA ATGACTGAGC CAAGAGTAGA  
278501 GGAAGACTCC AAGGGGCTCA TGGAGGTGGG GTGGGCAGTA GGGAGTAGTT  
278551 GAGAGTCGGA GAAGAAGAGC TTTTCAGAATA GACTCATCC AAGAGCTCAC  
278601 GTTGGAAAAA GGCAGCAGCA GGGTCGGGGC CGTTGTCAAG CACCCGACTG  
278651 GAGCGCCCAAG AGTCAGAGCA GCTTGAGAAC GACTGTAGTC ACAGCAAAAC  
278701 TGTGGAGGAC ACTGTGACCC AAGCTGACAC AGTCATGAAA TAGGTGGCAT  
278751 TTCCCCCATC GAGTGGAAAG TTGCTTTTCA CCGTGTTCCTA AACTCTGGC  
278801 TCAATTTGTG TCGTGTCTGG TTGTTTGTAT GATACCTCGC ATCGCTGTTT  
278851 CCTGGAACCC CTCCCTGGAG TCCATGGCCA TATTCACTCT CGTCCCCCAG  
278901 CCCCCAGCCC TTCCCTCCCC CACGCTCAC CCCTCTGCTC CTCTGGGCTG  
278951 CAGTCAGGAC ACGCCCTTTT CTCATGCTTC CAGCGATTGA TTGTGCAGAA  
279001 CATGAAACCA AAAGCAGATG GGACAAATGT AGATCGGCTG TTGTTCTCCA  
279051 TCTCTGTAAT TTCCTAAGTC TGATAGCGTG TTAATCTCCT AACCATACAA  
279101 GCTGCTTCTG TGCTCCTTGG GACGCTTACA CAGAAATATT GCCAGGAAAC  
279151 ACATAAAAG AATATGACGG GATTTTCCAT TTTGTTTCTC CTTTCTCCTC  
279201 CTCTTCATCC TCCTCCTCCT CTTCCTTTT ACCTTCTTCA AGTACCATTG  
279251 TGTTGGAGCA GGAATTTAAA TGCCTACTT TGAAGTTTGT ACTTTTCAGA  
279301 GTTTCGTGTTA ACTGATCTCT GTGGATCTGA CCATGCTTCC CAACTCACAG  
279351 TGGGGTTTACA TCTTGGCAAA GCCAATCTAA CCTGAAAAAT TCCTAGGTCA  
279401 CAAATGCATT TCAATGTACC TACCCTATTG ACGACTGTAG CTCTAGAGCA  
279451 CAATAAGAGG GTTGGGTATC TCTGGGGTGT GGTAGTATGG CCGGTAGCTA  
279501 GCTGGCCAGG AGCTCGAGCC TACAGCCGCT TACAGCCCTC TCAAGAGAAA  
279551 AACATACGAC AGATACCAAG AAAAGGTCCA AACCCTAAAT CTGAAATATA  
279601 CTTTCTACTG AATAGATCTC ATTTCTGCTTC ATTATCAGGT GAGGGAACTT  
279651 CAGAAGCCAG GGGCATCCGG TGTGACATCA TGTGACGAGG ATCTAGGTTT  
279701 GGATGATGTA ATAGCTAAAT CCAAGATCCA GCCCTTGGCG AATGGTCTTC  
279751 CTAAAGCAG TCACTCTAGA AGTAGAGTAT TTGTTTACCA AACAGAGTTT  
279801 GTGTTGGCTG GGTCCACATC TTATGCAGAC GGGGAATGCC ACTGACCGGT  
279851 AGAGGATAGA AGATGCTATG GAACGAGATG AGCATGTCTG GAAGAGGGTA  
279901 TGGAGCATTA TAGTGTCTCT TTAGACCCAC TCCTCTCTTG GTCAGTCACT  
279951 GGTACATTTG CCTCTCCAAA CAGATATTAC CAGGCATGCC TTACACAGGG  
280001 CTTTATCCCTA AATCAATCCT GAAAAAAAAT AATCAAGGT TCTGTTGTCA  
280051 TCTGTGAAAG TGTAGCTACC CCTGCCAGT CTCACAGGAC CTATAGAACT  
280101 CTGTTTCTCT GGAGGAATCT ATAGCTGCAT GAAATTAAGG AGTATATAAG  
280151 GATCATCTTG TCCTTCCAGG TCACATAATG TTTCTGCCAG AGGATTCAGG  
280201 TTGATGGCTC AGTGGGAGTG TCCGAGAAGC TTCACAATTA GAGAATTCAG

280251	GTCAGACTAG	TCTGAAATGA	CTTCCTGGTC	ATATTCATCAT	TCTCTCACTC
280301	TCTCTCACTC	TCCCTCCCTC	TCCCTCTCTC	CCCCCTCTCC	CTCTCCCCCT
280351	CTXXXXXXX	XXXXXXX	XXCCCTCCCT	CCCCCTCCCT	CTTTCTCCCT
280401	CTCTCTCCCC	TTCCTCTCTC	CTCTCTCTCT	TGGGATTTGT	TGAGTACATT
280451	CACCTCATCA	GCATCTTAGC	AGGCTATCTG	AAAGAACCCCA	GACCTTCACG
280501	CAGACAGAAC	TGGATTTAAA	TCAGTCTCAG	TCTCAGACAG	TTACTAGTTA
280551	GTGTTTGGGA	CATGTCATTC	AGTGTCCCTT	AATACTACAA	CCTCCTTTT
280601	TTGAGTTCGAT	GCTACCCATC	TTGTGGTAGT	GACTCGGAA	GCACAAGTAT
280651	TTCCTTGTCT	CTCCCAATCC	TTGTTTTCAA	ATGATACAAA	CAGACAAAC
280701	GCTTGTGTCA	GACCTCTCTG	GAACCCGAAG	GCACGTGACT	AGGAAATGTT
280751	CCTAAGCCTG	GAGCACAGCA	GTTGCTTTAT	TAGTCAATACA	GGCATGAAGG
280801	AAATTACTTC	ATCTTGCTTT	CCTTCCGTTA	TCTACCCAGT	AGCTAGGAGG
280851	GACATGTGGG	GCTGGCTAGC	CTAGGATAAG	AGGAGACAGT	GCTGGGCCAT
280901	AAGGACCTGT	TTACACACAG	TCCTTCTCAA	CCCCATCTGT	GGAGCAGAAA
280951	AGGCCACAGT	ACCAGACAGA	ATGACCAGTG	CTAGGATGCC	AGGGATCCCA
281001	ACCACAGAGG	AGGAGGAGGA	AGAGGAGGAA	AGGAGGACAG	GGAAGAGAGG
281051	AGGAGGAGGA	AGCGGTGGCT	TATCAGTACC	GAGTTGGGCA	TATCAGTACT
281101	AAGTTCCCTC	TGCTTTCTCC	TGCCCGCCTC	CTTCTAGTCT	TGTGTTGTGT
281151	GTTTGTGTGT	TTGTTTCCAA	TTAATAAGAG	CCTGGGCTGT	TGGTAATGAG
281201	TAAGCATGCC	AAGCAGCCTT	GGAACCTGAC	AAGAAGTTAC	AGAACCTCTC
281251	TTTCATCTTA	TTTCTGCCTG	CAAGATGCC	AAGTTAAAGG	GCAACCTTTC
281301	ATCAGCAGGA	CCTGTTGTAC	TTAGAGGCTT	GCAGGACACC	TGCTCTCCAT
281351	GAAGCGTTTC	AGCTACATAC	TTTGTACCCA	AGGACCACCT	GTGCCCTCCC
281401	TCCCTTAATT	AGAGTCGCTC	TCCTTACGCC	AAGGATGAGG	CACACAGCAA
281451	TTTGGTGGAA	AGATCTCTGT	AATAGGAAAC	GAATAAAAC	ATCAATGCTA
281501	AATAAAATAG	ACCACCTGTA	AACCTGGGTT	AGATTCACCA	GCGAAGCGTA
281551	TGTGTGATTA	ATGCGTPTAT	GTAACAAGAC	CGCCTTTAAT	AGCTGGCATG
281601	GTTCTTTTGT	TTGTCTTAAG	GGAAGAGTGG	CCAAGGCTGA	AGCCAGAGCA
281651	CATGATATTA	TTTGAAGAGT	CTGCAGCCTC	TGGAATAGCT	CCTCCGAGGG
281701	GTATCCAGAA	TCAGGGTTCT	CACTTGATTT	ATGGTTGTTC	TAAAGGTTTA
281751	ATACCTTTTA	TATTTTCACA	ACTATAACCT	TTGCTTCCAG	TAAGCCTTGG
281801	CTATGTTTCT	GCTGCTTTGA	ATCCCATACC	TTATTTACCC	ATTCAAGAG
281851	GATATTTTAT	AACTGTGC	AAACGAAGGT	TCTATAGTAT	TTGATTTTGA
281901	GCAATCCCAT	GGATGAAAGG	GTTGAGACTG	TACGGACAGG	CACACAGCCT
281951	TTACCCAGCC	ACTTGCAGGA	ACCCAGCAGA	GGTGGTCACT	GGACAGAAAT
282001	GTTTTAATGT	GTCAGCCCTT	TCTATCGGCC	ACAGTCTGGG	CTCTGAGGCT
282051	CCTCAGCCCT	CACAGCTCTC	TCTGTTAGGT	GTGGCTGGCA	GGGAAGGCCA
282101	AGATTAGACC	AGGGCAGATT	CCCAGCCCAT	CAAAATCAGAA	ACAGAAGGGC
282151	ATTGGAAGTT	GTGCTAGCAC	AATCTACAAA	ATCAGCTGGA	TGGGAATTAC
282201	ACTCAGCAAT	GAAGACTGTG	ATGGAGCCAG	GGTGGAGCAT	CATGGGAGAG
282251	TCTGGGAAAG	AGGCTCCAAC	ACAATACAGG	TCTGGGACAG	AGGCCGGAAG
282301	GATAAGTGTC	TGAACGCTTT	CAAGGAAACA	AGGCCAGCTT	CTTTGAAGAG
282351	GACTTGGCAC	GAACACACCC	ATGTAAGGTT	TGATACGCGA	TGCTGGAGAC
282401	GGTGCACATA	CCTATAACTC	ATCACAAGAG	GAGCCAGAGT	TCAGAGTTGG
282451	CCTCAGCTAC	AAAGCAGGGC	CGAGTCTCAG	TGAGACTCTA	TGAGGCCCTG
282501	TCTCGAAACA	CGAGAGTGGG	TTGGCAGGCT	TTGGCACACA	CGTACACCAT
282551	CTCCACAGTC	AGGATAATGA	TAGAGCTACC	ATCTTGAAAC	TTTCTCATAT
282601	GCCCTTTATA	ATTCTCTCCC	ATTTCCCTGG	GCCCGGGAAA	ACATGGGTTT
282651	GCCTCTGTGT	GTCATTTGGT	ATTTCTATTT	CCGGCATCTA	CTTAAATGCG
282701	TTCTGTACTT	CCCCCTCCTC	CCTCCTCCTT	TCTGGCTTCT	TTCTATTTCAG
282751	GTAATTATTG	TGAGACTCAT	TCAGGTGAA	GATGTGTATG	TATTTGATTC
282801	ATTTGACTAG	ACAGCAATAT	TCCACCGTAC	CGATATCCCA	CACGCTGTTT
282851	ACCCGCTTGC	ACGTTGAGAG	AATCGTAAT	TATGTTTGGG	CAGTTATGGA
282901	TGGAGCTGCC	GAGAAGCAC	CGCATGCAAT	TGACTGCCTG	AGCAAAGATG
282951	ACTTTCTCTC	GTGGTAAATG	CTTAGAAGTG	CAGTTGGAGG	AACAAAGGCC
283001	TGGCATATAT	TTAACTTGT	AAAGAAACCC	GTCAGGCTGT	CTTTAGAGTA
283051	ACTTTCCCAT	TTGATGATCC	CCCAGCAGCG	GGCAAGAGTT	CAGCCACTCC
283101	ACGACCTTGC	CAACTTGGTA	TATAGTCCCT	TTTAAATTCA	ACTTTTCTCC
283151	CATTGTACTG	TGAACACAA	CGCGCAACCT	CACAATATGT	CATCATTAAC
283201	TAGACACAGT	GCAGCTTGAC	AGGTGTGAAG	GACCTATTTCA	TCCTTATATG
283251	CTGAGATTGT	TCCTGACAAA	GGCAGCCCAT	TTCCCGTGCC	CTGCTCCAGG
283301	CAAGCACGAT	TCCAGCTCTG	TGGATGTGAC	AGTATTGGAT	CCTCACAGAA

283351	GCAGTGTTTT	CCCTTCTGTG	CCTGGCAGCC	ATATTCATCT	GAGTTGAGTG
283401	GTACTCAACT	GTGGTTTTAA	TTTGCATTC	CCTAATAACT	GATGCCGAGT
283451	GCCTTTTTAT	GTATCTGTTC	ACCATGCCT	TATCATCTTC	ACTGTCCACA
283501	TTTCTGGCCA	TTTTATTTAA	ATGGGCTTGC	TTTACACCTT	ATACTGAGGA
283551	CAAAACAAC	AGATGACTTA	AGTTGGATCT	GTCTGAAAG	TGCTGTCTCT
283601	CCATGGTTTC	AGAAAACACT	ATGCAAGCTG	TCAAGGAAG	GGAACAAC
283651	AGCAGCCCTG	TCTAGCTCCA	ACACCATTC	ACCACTATAG	TGACCAACAT
283701	GCCGAGTCAT	GCATAGAAGG	TGCAATTAATG	GCATCACAT	GCCAGTGGAA
283751	AGCCACAAC	CTAATTGGAC	TTCAGGCCCA	CTCAGCAAGA	GAGCGATTAC
283801	GGCTGGCAAT	GGAAAACATC	CCAAATTCTC	GGAGATGGTA	AAGGTCCTGG
283851	ACCTCAGAAA	GGAACTACT	ACTGCCACCT	TGCTTACCAG	AATATTATC
283901	ACCCGTACTC	TAAATCTTAT	CCTTTTACCC	ACAGATAAGA	GTAGCTTCCA
283951	TCCCTCACCA	GAGATGCTTG	TCTTTACAGC	AAATGGAGGC	CGTCAGAGAA
284001	ACATACAGCT	GGAGACAACA	TAGGATATGG	AGAGCTCAGC	CCCAGCAGAT
284051	GCATCTGTGC	CTCAGGGAAC	TTCAAGGAAG	GGGAGGTAGA	AAGACTGTAA
284101	GAGCTGGAAT	GCCAGGAAAT	CCTCTGTGAA	GCAGTCTCTC	CTAGAGAAAG
284151	CTGCACAAAC	AAGACTGGAC	CAATGGTGGT	ATCATTAGAC	ATGAAATTCG
284201	GGAGAGGGAG	TGTGGCAGGA	TTTTTCCCTGT	CCAAATTACAT	TAAATATTA
284251	GTGCAGCAGG	AGGCCTGTGA	TTGGACAGGG	AAAAGGGAGG	TGGAGCGAAG
284301	AGTTGACAGG	ACAGAGAGCG	ACTCAGAGGA	GGGAGGAGGA	GAAGTCAAGA
284351	TGGAGCGACA	TGGACAGGAA	GAAGATCCTG	ATCCCATCTG	GTTTTAAATA
284401	GCCACAGGTA	GTATATGATAT	CATACAGGAT	TGACTAATTG	GGATAGTTTG
284451	TCTAATCTAG	GTGGGCAGCT	TTTATCATTA	TCAGTTGGTT	CTGAAATTTAT
284501	TGTATTGGCA	CTTTGTGAAT	TGAGAATGTC	TGACTTGTTA	ATTATAGAGT
284551	CTAGAGTTTT	TGTTTCTACT	GGGTGTGCTAG	GTGTTGTGGC	GGCTGACTGT
284601	GGGCAGATG	GTCAATTGTG	GGGGCTGGCT	TGCGACCGAA	GCGAACTTGG
284651	GTGCTCTGGC	CCCACCAGAG	AGTTGGTGGG	CAGACAGTAG	CTGAATGAAG
284701	CGCGGGAACA	TGGCGGTCTC	ACTTTTAAATA	TTTTCCCCACA	ACAGGGAGAA
284751	TTTTACAGGA	TCCCACCCCT	AGACAAAAGAT	TTCCAGCAAC	TAAATGAGTC
284801	TGTTAGAGGG	GAGAGGGGAG	TTAGCTTCTC	CCAGGGATGA	GCCCTCTTCT
284851	TGTTATCCAG	TGCCCACTGG	TCAGCCCTGA	AACCATATAC	AAGCAAGCAT
284901	CATAACATAA	CATAACATAA	CATAACATAA	CATAACATAG	TGTAACACAT
284951	ACAAAAACAA	AACTAGTCTC	AGCAGAATAT	ATATGTATAC	ATATATGTAC
285001	TTTATAATCT	TGCAAGCATA	TATACACACA	TGTAACAAC	ATATATTAAG
285051	AAAAAGAGGC	AATTAATGAG	CATGAGATGT	GAGAAGAGTT	CAAGGGAAGG
285101	TAACTGTGTA	TCTCTGGTTC	TTACCTCTC	CCTTGCATGT	TTTCAGAAATG
285151	GCTTTTGTCA	GCTTCTGTCT	CTAAGATGTG	TTGAGGTTTT	GATTAGAAGC
285201	AAATTGGGTTT	TCACGAAGAT	ATGTCAGTGG	TAAGGAAACA	CATTTTTATC
285251	TCAACAACGT	GCCCTTGAGG	CTGGCCTAAC	GTTTGACCCA	CAAGGAGGAA
285301	ATGATGTACT	TCTATTTCAA	TTTTTAAAT	TAAAAAATAA	AAAAAGCTT
285351	GGTGGTCTCG	GCACATGCTT	TAAATCCCAG	CATGTGGGAG	GCAGAGGCAG
285401	GTAGATCTCT	GAATTGAAGT	CCATCCTGGT	CTACAGAGTG	AGTTCTAGGA
285451	CAGCCAGGGC	AACACAGAGA	AACCCTGTTT	AAAAAATAA	ATAAAAATTA
285501	TAATAAATAA	ATAATAAAGA	GATAAGGTAG	ACAAATAAAA	ATGGGGTTGT
285551	TTTTCTATTA	AGCTCTAAGA	ATTACATGTT	GCATGCAAGT	CTTTGTGAAG
285601	ATGTATATAT	AGAAAGAGAT	TATAATACTT	GTTCGCAAGT	TGTGGCTTGC
285651	CTTATCTGGT	GATTGGGATA	GGTCTTGGCC	CTGTGTGCTA	GTGAGCATTC
285701	TATTGTCTGAG	CTGCATCTGG	AGTTTCTGCT	TGTCTTATT	TTTCAAAGCA
285751	CAGAACCTCTA	AACATAGACT	AATGTTTACT	TTACCAGATT	CTTTCATGTA
285801	CAGTGCCTTG	ATATTGTTTC	TGTGCAGTCT	CCTCATCTTA	GTTTACTGTC
285851	TGTTGTATTA	ATAGAACACT	GTGACCAAGG	CACCTGGAAA	GGAAGGCAAT
285901	CAGTTAGGGG	CCCCTGGTTT	CAGAAGGTGA	ATCCATGACA	GTCAATGTGG
285951	GGAGTATGGT	GTCAGGCTGA	CAGGCAGGTG	CTGGGTCAGT	AACGGGAGT
286001	TACTGGGTTTC	CAGCCCCACAA	TGTGTAGTGG	ATGAGGGGAG	GAAGGAGAGG
286051	GAGCCAGAGA	GTCAGGAGA	GTGCTAGTGA	GGGATGGAAG	AGTAGTCTGAG
286101	GCTTTGTGAC	TGTCAAAGCT	GATTCCTCAAT	GACACACCGT	CTCCAAACAAG
286151	GTCACACCTC	CTTCCCAAT	CCTTCCCAAA	CACCTCCACT	GATTTGGACC
286201	AAATGTTTCAG	AGCCTGGGGG	GCCATTCTCA	CCCAAACAC	CACACTGTCT
286251	GAGCTGAGTT	TACTGAAATG	TTTTGTCTAG	GCTTTCTCTT	AGTAAGTTGG
286301	AGTTCTCAC	TGTGTGTGTA	TGTGTGTGTG	TGTGTGTGTT	TGTGTGTGTG
286351	TGTGTGTGTG	TGTGAATATG	GACAAACAGT	TATTTCTGCA	TCATTTGTGTG
286401	AAAACCCCAT	TCCTTTCACT	GACTTTAGTT	TGTACTTTTG	CATGGATCTG

286451	TTTCTGGGCT	TCAGTTTATC	CTGCTGATAT	TGCTATCTTT	TTTAATACTA
286501	TCTGCTTCTT	AATTTTCATAG	CTTTAGTATA	AAGACTTGAA	ACTAGCTAGA
286551	GAAATTTGTC	CAACTTTGTT	CTTTTTCAAA	ATAATTTTTG	GCTCTCTGGT
286601	TCTTCACCTC	TCCCTTGTAT	GTCTCAGAAT	TGGCTTTTAT	CAGCTTCTCT
286651	AAGATGTGTT	GAGGTTTGA	TTGGGAGCAA	TTGGGTTTTC	AGGAAGATAT
286701	GTCATGGTA	AGGCAACACA	TTTTTATTTT	AACAACCTGG	CCTTGAGGCT
286751	GGCCTAACAT	TTGAAACATT	TCCCACAGTG	TTGCTCCCAA	GTTCAGTGA
286801	AACCCATGTA	TGCAGAATGA	TATTTATTTG	GGCCAAATGAG	AATAAGGCTCT
286851	CATTCTAGAC	CTTATTTCCCT	ATATGTCACT	CTTTTCCCAT	GTATCCCCAG
286901	AGACAAGTA	AAAACAAATC	AAGCCTCTCT	CGATAGGACA	AGACCATGAT
286951	GTGTATGTCA	GCGCCCTTT	GGGTGAGAAT	GGCCTTTGG	AGTTAAGATG
287001	TATAGTACAG	CTGGGTATTG	AACAGAGTGC	TACATAGGCA	GTGGACAGCT
287051	GAGCCTTTGA	AGTTATAATG	TATAGTAGAG	CTGGGTATTG	AACAGAGGTC
287101	TTGTGCGTAC	TATCTAGACA	CTGGACAGCT	GAGTCCAGAG	CATCTGTGAG
287151	TTGTTCTCTC	CCTGGGTGAT	GATGCATCCC	AGAAGCTAAG	CTTTCACATG
287201	TATGTTCCCT	ATAGGCTGGG	GGGAGAGGGC	GACAGCATG	CAGATGATGT
287251	CACGGAGCTG	ACAGGCAAG	CCTGTCATGA	ATGGGATTTT	ATGAAACTTC
287301	ATCCCAGGTT	CTAAGCTTAG	TTGAACATACA	CAGGCCAAAC	TGAACGCATG
287351	TAGCCGGATT	CCATCCATTG	CCCTCTGAAG	GGAGCGCTGT	GCTGGATGGG
287401	TCCTTTTATA	CCCTCGCAGA	GGCAGCTCTC	TCATCAGACA	CCCTAAAGGA
287451	TTTATTTTGA	CAATGGCTTA	TTGAGCACTA	AACATATGCC	AGGAAGCAAT
287501	TGGGGAAGGA	GGCCCTTCCT	CTCTGGGCC	CTAGGGCTCC	TGCTCCAATG
287551	GGTTTTCAGG	TTGGCATAGG	AAAGCATCTC	AAATGTCTCT	CCTTCCCTTT
287601	CTCTCCCAAA	CTGTGCCCTT	GGACAAGGAT	CTGGCTAATA	TGCTTTGAAG
287651	AGTCCCAAGG	GGCTTCTCTG	AGGAGGTGGA	GTCAAGTAAAT	AACATAGTAG
287701	AATACGAACC	TACCCCTGGA	ATATATGCTA	GGCAACCTTC	TGCAATGAGT
287751	TACTAGGAGA	TGAAGTCATT	TTGTGGTTAC	TAAGCCATGA	TTAAAAATGAA
287801	CGAGGGTGAC	ATGTCGGGAA	GGTGGTTCCCT	TTGTTATGTG	AAACTTTTCT
287851	TTCACTCTCT	CACATGTATG	CTTCTCATAC	ATCCGTATCT	TGTCAAAGAA
287901	ACATAGAAAT	ATAGAAAAAG	GTCAAGAGAA	AAATCGCACC	TGATGCTCAT
287951	GGCTGTTTGA	GGAAATTAGCA	ACACTAATCA	GGGTTGAGCC	TCCTTATTTT
288001	CTGAAGTCCT	GCAGAATGGG	CATTAGGATT	GTGACCTAGG	CCGCTTCTCT
288051	CAGCCATCAT	AGGCCTCCTA	GGACAGACAA	CAGCACACAG	CCACCTGGCC
288101	AGCTGAGCTG	TGTCAATCAG	TAATGACTGG	TGTCAGCAAA	TGACTTTTAT
288151	TCCTTTGTTT	CGGCTTCACG	GAGATACCTG	AGTTAGGCTC	AACAGTGGTG
288201	CTCAAGCTTC	CAAAAGCTTGA	GACAGCCCCT	AAATGATGTC	CATCCTCAGC
288251	CCGATTTGCC	TCACGTTCTG	TCGGCAGCCT	CAACAGGGCT	TGTACGATGG
288301	GCCCCTGTGA	GAATTTGCTG	GATTTATGTG	TGCTGTCAAT	GCATTTTACG
288351	TGAAGCGAGG	CCTATATCCA	CTACTGAGAA	AAATAACTCT	TATAAGTCAC
288401	TTTCTTCACA	AAATTGAGAT	ATGGAGAAGC	CTAGAGAAGG	GCAAGCTTGT
288451	CAAGACGAGC	AGAACAGCAC	AGCCAGGCAG	AACCTTCCAG	TCTGCTTGCC
288501	CCTGCCCTGA	GGCATAGTCT	GCACTTTATC	AGGGAGACTG	GAGGACTGCC
288551	ACTCCTGAAT	CCATGGCAAC	TGCCCCAGAA	GTAGTTTAA	AAAAAATAAA
288601	AACATAACTG	AAAATATATC	GGTAGGAGCT	GCTAACGACC	AGACACTGTG
288651	CAGGGAATGA	GCTGTGAACA	AGAGGGACAT	GGCCCTGTTA	CGCTTTTAAAC
288701	TAACCTGCAG	ATATGCCACA	CACCTCTGCC	TGCTGTGACG	TGTGTCTTGG
288751	CACCTCGGCT	TTGCTCGCCT	TCTGTCCGTC	CGTATAATGG	GCAGGTGTCA
288801	TCGGTTTGGC	TAACATGGAT	GCTCTGAGAC	TTTGGCCTTC	CTGGCGCTTG
288851	ATTCCAAACA	CAGGTGTTAA	TGGAGCTGAG	ATTGCTCTCA	AGTGTGTTTT
288901	TGGTTTTGTG	TTTGTTTTTA	ATTTTGTTTT	CGTTTTCAGG	CTAGAGTCTT
288951	GTTGCATTTG	CAGTCAGTTA	AAACATATAA	ATCTGTAGAC	CAGGCTGGCC
289001	TCGAACTCAG	AAATCCACCT	GCCTCTGCCT	CCCGAGTGCT	GGGATTAAAG
289051	GAGTGCGCCA	CCATGCCCGG	CTAGGGCTAC	ACAGAGAAAC	CCGTGCTCGA
289101	AAAAACCAAA	AAAAAATAAA	ATATATATAT	ATATATCTGA	ATGCAGATGG
289151	TGCACATGCA	TGCATACAGG	TCCAACCCCC	ACACATAAAG	TGTGCTCTAA
289201	ACACAAAACA	GACAAAACAA	CAAAACAAAC	CAACCAAACT	TCTCTTTTPT
289251	TGGTCTTCAC	TTGAGCCATG	TTGAAAATAT	TCAGTACGTC	CATGCTTTTT
289301	TTTGTGTTGT	TTTGTGTTGT	TGTTTAGACA	AAATCTCAGG	ATAGTCTATT
289351	ACATTTATCC	CAAGCAAGG	TAAACCTTTC	TATTACCATT	TCATCCATCT
289401	TTTGAGTTCA	CTTGATTGCC	AATCACAATA	TCAGCATCCC	TTTAGCTTTT
289451	GAGAGGGTAA	CAGGTAAAGA	AGCCTACCTT	AAGAGATGGG	TTAGGGAATT
289501	GCCTATGACC	CAGCATCCAG	GAGGCTGAGA	CAGGGAGATC	TTGAAGAATG

289551	GCCTGTGTTA	TGTAAGGCC	TGTCTCAGAA	AGAACAAAAG	GGTGGGGCAC
289601	TGTCTTCTTC	CTCTCTCTCG	GGCTTTTGCTG	GTACAAGAAC	TGAGTGTTTT
289651	GCTCTTAGGA	TTGCTGTTGC	ATCCCAGTGG	GGAAAGGAGCT	GGCGATTGTC
289701	CTGGCCTTCA	AACCCGCGCT	ACTACAGTCT	TACTGCCAAC	TACCGCAGCC
289751	CAGCTGAGCT	CCATCAGAGA	AATGGGCACT	GATGCGCTGAA	GTTAACACTG
289801	TTCTCAGCAT	GGCTCATGGT	CCTGCCCTTC	TTTTAGGAAT	CTGCACATA
289851	ATAGGGAAAG	CATCAATCCA	CTGGAGTTGC	TCCATAAATT	ATAGTGATGT
289901	TGTGGTTTCT	CAAAACCACCT	CTGTAATTGC	CATTTGCCCC	AAAACTCAGCA
289951	GACAGAGTCT	TATCCAGGGC	TATGGGGCGT	GCTTGTGTTTC	TTTTAGCCTGG
290001	ATATCATCAG	TCTACATGTT	TATATATTTT	ATTTCAGAGA	TTAAAGTATG
290051	GCTTAAAGGA	ATATTTTAAAC	ATTTTTTTTAA	TTTTAGGAAT	AGTCCACTAT
290101	GTGAAATAAT	GTAATTTCTC	TATTTTGAAA	AAGAGAAAAA	CACAGCATCTG
290151	TATGTCAGGA	TGATGTAAC	TCCACATAAG	GAATCCTTAA	TGCTCTTCTGC
290201	AGGTC'TCCCG	GGGGGTCTCA	TGAATGGTTG	AGGTGACCCA	TTGCCCTGAAG
290251	GCCAGCCAGC	AGTGGGAGCG	CTAGCATTA	AACTGTCTGT	TGGTCAACAGT
290301	CTGCCCTCCA	GGGAAACAGC	AGGTGCTTTG	GAGCTTGAAT	TCTCAACAAC
290351	TGCACCATGT	CTTTAAGTTT	CAGATGTGGT	TTTTAAGGAC	ATGGGTCCAT
290401	GAACCTAACA	TTTCTGCCAC	TGTGATGTGT	ACGTGTTTAC	ATTAGAGGCA
290451	AGCTCGCCCT	GCTCCCTTG	GGCTGTAGCC	ATTTCTGGTT	TTTCTGAGCC
290501	TTACCCCTTA	AGACAAATAA	AAAGTAAGTA	TATGATAGTT	AATGAAGGTG
290551	AACATGGAGA	TGTTATTTAT	TCAAATATTT	GAGCTTGAAT	AGTCCACTAT
290601	TTCCCTCTCT	AAATTATGAAG	ATAAAAAATA	ACTTTTTCTT	ATTCCTCCCA
290651	AAATATTTATG	AGCTCTCAGT	GCTGTCCCGT	CCTGCCTATG	GGTAAGACAA
290701	CTCTGATTAG	AAGTCTTTAT	TTTTCTTTT	ACAGGTTTTT	TTTTTTTTTA
290751	GATTTTACTT	ATGAATTATA	ATGTCCATGT	TTTTAATAAA	AACAACAACA
290801	CAACAAACA	AAAAACAACC	AAATCCTTAC	CCCAGAGAGC	AGCTATGCTC
290851	ACCCAGGAAG	CAGCTGCACA	TTTGATGGGA	ATGAGTCAGG	TTGTCAGATC
290901	TATAGCAGTT	CATTTTCTGT	AATAAGAAAT	ATATATTTTT	TTACATTGGC
290951	AAACAAAACA	AAACAGCAAC	AGCAGCAACA	ACAACAACA	AAACCAACCC
291001	AAAAATGAAT	GTCATTTGCC	TACCCCGTTC	AGTC'TGCCGT	CCTGGCCCCA
291051	AGCAGCTGTA	GTTCTTGCCA	AATGGCTAAG	CACAAACGCC	TGACTCAGCA
291101	TTTTCTTGCT	CGCTGCTTCC	AGCATCATGT	AGTGATTACG	ACTCGTCAGT
291151	TTCTCCCGACT	CAC'TGCTTCC	CCACAGCCCC	CCATCCTCCC	CCACTCCTTG
291201	TCTAGAGCGA	TATAAAAGCG	TGCACATCTA	CTCCAGCACC	CGATGCTAAG
291251	TTGCTGCAAG	ACCAGCTGCT	ACTTCCCATT	CATCCAGCTT	CTCATGGCTT
291301	CCCCGTACAA	ACCCTGCATG	TAAATATAGA	GGAAATCCAAG	CTATACATGAG
291351	AAGGGAAAGG	AAAAGAATCC	CCACAAAGTA	TTGTCTATCAT	TCAGGGGAACA
291401	TCTGTCCATG	CATGGAGATG	ATGGATGGAT	AGATGGATGG	ATGGAATGAT
291451	GGATGGATGG	ATGGGCAGCG	AGATGGACAG	ACAGACAGAA	GGACAGATGG
291501	ACAGAAGGAT	GGACAGACAG	ATGGGTGGGT	GGATGGATGG	GTGGGTGGAG
291551	AGACAGACAG	GCAAAGTGAG	ATGGGGTGTT	TTTAAATAGAA	GAGCAGTCAA
291601	CAGCTTTTAT	ACAGAGCTTT	ATGGGAAC'TG	TAGTTCAACT	ACAGCCAACA
291651	AGAGATGTAG	TTATAAACTA	GGAGATGGTC	TAGAAAAGCC	GATATGTATT
291701	GTACTATTTT	GAAAGTTTGA	AAATGATTAC	TTAATTTTCT	CAAAC'TCACC
291751	CAGTGTCTTA	GT'TAGGGTTA	CTATGGCTGT	GACCGAAGCAT	CATGACGTAG
291801	CAGTGTGGGG	AGGGAAAGGG	TGCT'TGGCT	TCTCTTCTTA	CAGCCCTGT
291851	TCAGCATTA	GGT'TGGGCC	TCTTGCATCC	CTTACTTAAT	AAGAAAACAC
291901	CCTGCAGGCT	TGCC'TACAGC	TGGATCCCAG	GGAGGTATTT	CCTTAATTGA
291951	GGTTTCTTCC	TCTCTAGCCT	GTGTCAAAGT	GACATAAATC	TAGCCTCTCC
292001	TCCCTAAGAT	AATGGGTTGG	GGGGTGGGGG	AAC'TGAGTGG	GAAAGAATTG
292051	TGACCTTTGA	ATAAACATTT	TTTTCATTGTA	AAAAAATGCT	ATTTATTATT
292101	CTTTACAAAG	TTGGGAGAGG	GGTGAAGAAC	TTTCTCTAGT	GGCTTTGTAT
292151	TTTCTAGTTG	TTTCTGTGGT	GGAGCTAGTG	TTGCTGGTCA	GTCTCTCTCC
292201	ACTCTGGAGT	ACTACACATA	CACACACACA	CACACACACA	CACACACACA
292251	CACACACACA	CACACACAGC	TACATACATG	AATGTTTGAGC	TAAGGCATCC
292301	TTTACAATCA	CTCTCTTATC	CCAAAGCGTC	AGGGGAGAGA	CTGCTGTATC
292351	CAAAGCA'TTG	T'TCTGGGCAC	CTGGGTGCAT	CAGTGGGCAT	ATGGACGAAG
292401	CTCCGTTTGC	TCAACAGGAG	TTGACAGCTC	AGGGACACTT	GAGCGGTGCC
292451	AGGACGGGA	AACCGCAGCA	GCACACAGAC	AGTGGGTAAG	AGGTTACAAG
292501	GTCAATAGGTG	GACAAAGGAG	ATCTCAGAGG	AAGTAGGAAC	TGCATCTGAG
292551	AGCTGTGAAG	TGGGTACAGC	TTGATGAGAA	GTTCTACTTG	TGACCCGAGA
292601	AGTG'TCCAC	AGAAAGGGGA	GAGCTATGAT	AAAGCTGTGG	TCTGAGGGCG

292651	GAGCTCAAGG	AAGGAGAAAC	AGCCATGTCA	GGTCCTGGTG	AGGCTGTGGA
292701	AGGTGTGGCT	CCCCGAGAAC	ATCTCAAATG	TTTTATACAG	TTTGGAAAAA
292751	AAAAAAAAC	GTAGCAAATA	TTTCATCTAC	TGGTTTTTTT	TTCCCTTCAGA
292801	AGGTTTGTGG	CTTTTACAAA	ACAGAAATAA	TGGATTAAAC	AAAAATTTCT
292851	CTGAAGAGCC	TGCACGGCTT	GCTTCTATTT	TAACAGCTGT	GTAAGGGGAT
292901	GCATGTCCAC	ATGATTAGTG	GAGGATTTAA	TGAGAACTCA	AAAACTCACAG
292951	TCTGAAGAAA	ATAATAAAAT	CACCTTCTGAA	AGACAGTACC	ACATTGACAGC
293001	TAGATGAAGC	CTTGGGTGCC	ATCTGGCTTT	ATCATTTTACA	AATGATCGGT
293051	CTGGGAAATG	TGAAGTGACT	TAGCCCATGC	TACCTGGTTA	CCTGCTTGGT
293101	GACAGGCTTG	TCTTTAGAGA	CTGACCAGAC	CTGCTAATCC	AAGGCCCCAGA
293151	GCATATCCAC	ACTAATTTAG	TGAAAACGCA	ATTGTTGATG	ACAGTCTCAT
293201	TGAGTTTCTT	AGACTTGACA	GTCAAATCCA	AGTTCCCATC	ACAGTGAGTA
293251	GGATGTTAAT	TGTGTTTGCA	ATATGGCCTT	CATCTTTTGG	GTATACTGGA
293301	AATTGGTTGC	AGGAAGATCA	AATAGTTGAT	TCCTCTGCCT	TTTGGGGAAC
293351	ACTGGATGTG	CTTTGTGGTT	GCCCATCAGA	ATGAAGGTTT	CTAGTTGGCT
293401	TGCTTTCCAG	GGTCTTTTTC	TTACAGCTTC	TGCTGCCTTC	TGAGCTGGAG
293451	GTA AAAAGAT	GCCAGAGCAC	AGCATAGACA	CCAAGGCTCC	CTCCCCAGGC
293501	TCCACTCACC	TGAGGCTCCC	TCCTTAGCAT	CCACTCACCT	GAGGCTCCCT
293551	CCCCAGCATC	CACCTACCTG	AGGCTCCCTC	CCCACCATC	ACTCACCTGA
293601	GGCTCCCTCC	CCACCATCCA	CTCACCTGAG	GCTCCCTCCC	CACCATTCCAC
293651	TCACCTGACC	CTCCCTCCCC	ACCATCCACT	GACCTTGACC	TCCCCTCCCA
293701	CCCACCATCC	ACTCACCTGA	TCCTCTCCCA	GCATCCACTC	ACCTGAAAGC
293751	AAAGTAGTCA	AAAGCAAAAA	ATAAACCTGT	ACACCAAATC	ACCAGCAGCA
293801	TACAAAGTTT	GGAGAAGTGT	CATGTACGGA	AATGTCTTTA	GAAACCTTTT
293851	TTAGGACCTA	AAACCCCTTA	CCTACTAACC	ACCAACCCCC	TTCTCTCCCT
293901	CTGTCCCGAG	TGCCCACTG	TTCTCTGCCT	CTGTGACCAC	GATGATGTGA
293951	GGTCTTCTCT	CTGAGTGGAA	CCGCAGGGTG	CTTGCTTCTT	GTGGAGAGGC
294001	CACATTTACC	TAGCACAGTG	TCCTCACAAC	TAGCCCATGT	TGTAACATGT
294051	GAGAACTTTA	TTTTCTTTGA	AAGCCAAATA	ATAATTCTTA	CGAAATGTTG
294101	GATAACCAAG	TTGGTACCAG	AGTTCTCCAA	AGCAACACCT	CCAACCCAAA
294151	AATAGGAGTG	AGGTTCTATA	ACTTGAAAT	TATGCAAGGG	GGAATTAATA
294201	TGTTTATATA	GCATAATGGT	ATGTTTATAG	TTCAAAAGTA	TCATGTTAAA
294251	TAGTTTGTAA	TAATGTATATA	CTAGTTCTCT	AAATATAAAG	ACATTTGTTCT
294301	AATGAGACAG	TAGGCAGTGT	TGACCTGAAA	CTCTCCAGAG	ACTACAGCAA
294351	CTGTGAACAT	CTCTTGTAA	AAGTTACCTA	GAGATTGTTG	CGAGGAAATA
294401	TTAAAAAGTA	AACCTGGTTG	GCCCATGCTC	CTGCACTCTC	GCCAAACTGC
294451	CACAGGGCTC	CCTCTGGGCC	ACTCTCTGGC	GGGCCCCCTC	CCCCCTCAGT
294501	CTCTCTACTA	CCACATGGTC	AGCCATCAGC	TCACAATATC	CAGTACCCTG
294551	GTAGAATCAA	GACTCTTAAT	GCTGAACCGG	GTGTGGTGGC	ACTAGCCTTT
294601	AATCCCAGTA	CTCGGGAGGC	AGAGGCAGGC	AAATTTCTGA	GTTTGTAGGCC
294651	AGCCTGGTCT	ACAAAGTGAG	TTCCAGGACA	GCCAGGGCTA	TACAGAGAAA
294701	CCCTGTCTCG	AAAAACCAAA	AGAAAAAAAA	AGACTCTTAA	TGCTTAATTA
294751	GCCAATCAGA	TTTATGTATC	AATAATATCA	CAATTTACAA	GATGCCAATA
294801	CAATAATTTT	AGAGCCAATT	GATAATGATA	AAAGCTTTAT	CCTAGTATTG
294851	TGAAATCATA	GCTACCTGTG	GCTGGAAAAC	GCCATCGGGG	TTACCTGCCA
294901	CAGCCATCTT	CCTTCTCCTA	CTCTGAGATG	CTCCCTGTCT	CTACAACCTC
294951	TAGCTCAGCC	TCCCTTTTCC	CTGTACAATC	ACAGGCCTCC	CACCTGCCCTA
295001	ATGTGATTGG	ACAGGGAAAA	TCCTACAACA	TGTGATAAAA	CTGACCACCT
295051	GTACACATC	AAAACACAG	ACGCAGGAAC	ACAAAAGGGT	GGGGCAGGGG
295101	ATGCAGACTA	TCACTTGAGA	ATCAGGAAGA	TATGAGGCAC	CCTACAAAAA
295151	CAACAGAAAT	CAAGCATTGT	GAGGGGCAGG	GGGAGAGGGG	CACAGTGTGT
295201	GTTCCAGAGT	GTCACAGTCA	GAGGGTTTCC	CTTCAAGTGT	TTATAATATT
295251	TTTCTTGGT	ATTGTATTAC	ATATTTAAC	GCAGGTTGGG	AGGGCAGTCA
295301	GGTCATCTTC	CAATGTAAC	AAAAGCAGGC	GGTGGAGGAA	AGCTCTTCTG
295351	CCACTTTGAA	TGTCATTGAG	ATTTAGCCAC	CTTCTCTGAC	AGCGTGTGAG
295401	GAGGGGCTCA	GGTGGAAACAG	TGGACGAGTT	ATTTCATATA	AACTCGTTGCT
295451	GTTGATTTAT	TGGACAGCAG	TAACATCTTC	ATTATTTCAG	TTGCCCTCATG
295501	GTCCTTTTAA	AGTTGCAGAA	CTGACAAATA	CTGAAATGGT	CTTCCACACT
295551	GCTCTAGAGT	CTTGGCAGCT	GACGGTTCTG	GAGTCTGGAG	CAAGGGCTGT
295601	GGGACCCACA	GCTCTCTCTG	CAGGGTCTTT	TATCTTCTCG	TTGAATCGGA
295651	AAATGAAGCA	GGGGCTGGTG	ACTGTGGAGT	ACGCTAAGTA	AACTGTGATG
295701	CAGCTGGCCA	GCAAGTGTCA	TACAGATGCT	GTGGCACATA	TGACCCGGCC

295751	TCACCCCTTAG	CACCGCTGCG	GTCATCTTGG	ATGCTTAGAG	TCCCTCTCAA
295801	ACTTCCCTTG	GCCTCTGTCT	CTGGCACACT	CCAGTTCCCT	CACCTTTGCA
295851	TATGCGGTTC	CCTTAGGAGG	GGCTGGACCA	CCCTCTTTAC	CCAGCATTTCT
295901	CTTTTCAGGA	GCTAGCTTTA	GCTTCTTCGC	TCCATGGGCTC	ACATCCAGTT
295951	AGAGGTCCCC	CTCCCCGCCC	CCCGTAGAAT	GTCAAGTGTCT	GTACAGTGGC
296001	ACAGTTACAG	CACACACAC	ACTGGCACTC	TTTCAAGATCC	TGTTTAGGCAA
296051	GTGTAAGGTC	AAGCTCTCCC	CAGCACCTAC	TCCTACGCTG	TAGGCTTGGC
296101	TGGGATGGTG	AGACAGCTCG	AATGGCTTCT	AGTCTCTTCT	CCCATCACAT
296151	CTTGCCCTTA	TGGCTTGTTT	TTTTCCTTCAG	GGAGAGGGGA	TGCTCTGGCT
296201	TCCTGCTTCT	GTACCTTCTA	TTCTGGGCGA	TGTTTATATAT	TGAGGCTGCC
296251	AGGAGAGAGA	AGCTGTCAGT	TTGGCCTCGA	GCCCCCTCCC	ACGACCTTTC
296301	AAGGGGAGCA	GCACTCACAG	CTTGGAGCAG	CACACTGCTG	GCCCCAGGC
296351	TGGTATTGAG	GGGAGTGGTT	TTCAGCCAGA	GCTCTTGATA	AGATTCTTGA
296401	CAAAAAGAGA	CAGGAGTTTA	AAAAACAAAA	ACAAAAAAAA	CCTTGTGACA
296451	AAATAGTGTG	TCCGTGAGCA	TGATACATGT	TTGTCTGTCT	ATATACACAA
296501	GGAAGGACAG	TTAAGCAACT	ATCCATGGAT	TTTCTCTTCT	AGATCTTCTG
296551	CAGTGAACAC	TTTAAAGAGA	TGCTAAGCGG	ATGGCCCTAGT	TGGTCATCAA
296601	AGGGAGGAGA	GGCCCTTGGT	CTTGTGAAGA	TTCTATGCC	CAGTATAGAG
296651	GAATGCCAGG	GCCAGGAAGC	AGGAGTGGGT	GGGTGTGGGA	GCAGGGGTAG
296701	GGAGTAGGGG	ATAGGGGAT	TTCCGGAGAG	AAACTAGGAA	AGGGGATAGC
296751	ATTTGAAATG	TAAATGAAGA	AAACATTATA	TTAAAAAAAA	AAAACTGAAG
296801	GGGGGGGCGG	TTTCAGCGGC	ACGCACGGTT	CAGCCACAGA	AACGTAGCAG
296851	TACAAAAAG	CCGGAATAG	TCGCCATCT	GCCCCGCCCC	ATTCTCAAGT
296901	CTTCCCTATA	TGAGGTGCTT	GCTTTATTCA	ATTTCTCTGT	CTTTTCTCTC
296951	TCAGGTGACT	GGATGGCCGG	AATCCCCPCA	CACATCCCTA	GCAGCTCGCC
297001	ATCAGACCAG	CAGATTAAAC	AGCTGGCTCA	GAGGTATAGC	CCGGAGTGGG
297051	AGCCCGTGGT	CTGCTCTCTG	GGACTGTCCC	AGACCAGCAT	CTACCGCTGC
297101	AAGGCCAAC	ATCCCCACAA	CGTGCATTG	CAGGTGGTGG	AGGCCCTTGT
297151	CCGCTGGCGC	CAGCGTTTTG	GGAAGCAGGC	CACCTTCCCTA	AGCTTACACA
297201	AGGGCCTCCA	GGCAGTGGAG	GCTGATCCCT	CCCCTGCTCCA	GCACATGCTG
297251	GAGTGACCTG	ACCCCCCCCC	CGCCCCCCCC	CCCACTTGGT	TGTGGGGTGG
297301	TGGGGCGTGG	GTTCCTCAAGT	CACACTGGCT	GAACCCGAGT	TTTCTCAGCA
297351	GGTGGCTTTG	TTCTGGGCTT	TTCACTGATC	TGTTTACCGA	AAGAGATCGT
297401	CCACCACTCA	CTCAACCATC	GATTGGCTTT	AATTGCTTGA	AGACTGCGCT
297451	TTGTGTAAC	TGGTTTGGAA	CTTTGTGGCT	GGCCTTTAAC	AGGAGGCCAG
297501	AAAAAACACA	ACACCCACCC	TACCCAAACC	CCCCAAAAAA	CATGCTACAG
297551	CATCGAATGC	AGGTGTCTCT	CATACAAGGC	AGCTACACTT	GTGTTGCCCT
297601	GAGACTGGAT	TGTGCATTTA	GCTCTTCATA	ATGTTGATGA	TAATAAAAAA
297651	GCAAATTTGT	ATATAGAATG	TGCCCTCTTC	AATGAGAGAG	TATTATATCA
297701	CACACACACA	CACACACACA	CACACACATA	CACACACAGA	CACCACTCTT
297751	CTGTTGCATA	GACGGAGGGT	GTAATAATAT	GGGAGTGGAG	CAAGATTGAT
297801	AGCAGTCAAT	TGACGACGGA	GATAAATAAC	TCAGGCAGGA	TGTATAGATT
297851	AAGCATGAGA	CACCGAAGCT	CCCTGCAGAG	GCCAGGGAGA	GAACGGAAGA
297901	CCTTCATCTT	AACAAATTTG	ATGAGGAGTC	TCTGTCCATT	TGTTAAAGGC
297951	ATTGGATCAG	AGACAAGAGG	GCTCAGTGTT	TCTCTTTGAG	GCTGAATGGC
298001	TGAAGCGGGT	GAGTTCCTGA	GGGGCGTATC	GGGTGTGCCA	CCCTTTTCATT
298051	AACTGCACAT	AGTGTTAGCC	AGACAGGTGT	ACGTGTTTGT	CATCCCATCT
298101	AAGAGACTGA	AGCAGGAGGA	TCACCTGTAC	ATGACCTGCT	CTTTCAACAT
298151	TTTAAAAATG	GTAACCTTCTA	TTAAATTCTC	TCAGTGCAAA	TAAAGTGCGT
298201	GTCCATTGTG	TCCTTTTCAA	AACCTAACAA	TAGATAAGAT	GAGGAGAAGC
298251	AAGAGTCTTC	TTGTACTCCC	CGCAGTCAGT	CGCTTTTGCT	TGCTCTTGCC
298301	GTCAGTTTCT	TAGTTAAGCC	CGCCCCGACA	TCCCTTCTGC	AGCTGGAGCA
298351	GGATTGCCCC	GTAAGGCTCT	TTAACACTTG	GCTTCTCTGC	CTTAAACACAT
298401	AGCACTTGT	CCAATGCCAA	AGGCCCTTAC	AACATCCTTT	GCTCTTAGAG
298451	CACACTTGCA	AGAGCTATGC	TTTTGGCAGC	ACCTTTAAAG	AGATTGAAGG
298501	CACCTCAGCT	CTAAGTCTAC	CAACTGCTTT	CCCCATCAAG	AAGTTCGCTG
298551	GCAATTGCAGT	TCTTGCTTTGA	CACACCCATA	ACCCCAACCC	ACCCGAGAACC
298601	AATCCGAGCA	AACTATTGTT	CACTGCCTGC	ACTGTGCAC	GCTCATCTCT
298651	ACAAAGCTTA	GCATGTCTGC	ATTTCTGAGT	TTGTCCCTTG	CCCCAAGATG
298701	TCTTCTCCAC	TGTACTACAT	CTAATTACCG	CTGTGTCTTC	TTTCTTCAAG
298751	AGAAATGTTAG	GGGAGGGACA	GTCAACACAG	AAGTTGCACA	CAGCCCCCTCT
298801	GCTTCTCTGAG	GGTGTATGCG	CAATTGACAG	TTGCCGGAGG	GAGAGACTGG



298851	CAGTATAGTT	GTCACCTGTA	AGTGTCCCTG	TGACTTCTCA	CCATTGTCTT
298901	CACAAGTAGT	CCTAGTAAAA	CTCATCTCTT	TACCAGTCCA	GATTTTGGGTG
298951	GAGTGGTTTC	TTTGGTCTGT	CATCTTCAGA	AGCCCTCTCT	GAGGCACACA
299001	GACATTTGCT	CAGATCTTTC	CGGAAAAGCT	AATGCGCTGT	AGAGGCTAAT
299051	CTCATCTCTG	TTAATTGAGG	ACATTAAGC	CGACCAACAA	AGACACAAGC
299101	CCTACTCTCT	GGAGCTCACT	GCCACATGAG	ACAGCCACAG	ACCTTCTAATC
299151	ACAACATGAT	GTGACAATTC	CACTCCTGAG	TACTGAGCCA	GTGGGAACAG
299201	AGCAAAAGGA	CCCCCTCTGG	TTTGCTTTTG	AGGGGATGGG	GGGCTCTGAAG
299251	AAAAAGGAAG	CTCCGCTCACT	CAGGTAAGTC	ACTCCACCTT	CTTGGGCGAGG
299301	TTTATTCACG	TATGCACACT	AACTGGTCTA	TGAGTGCAGA	GGATCTGCCA
299351	GAGGTAAAAA	AGATAAATTG	TTCATACAGT	GCGTTTGGAC	AAGGAATGT
299401	CTGAGCTGAA	TTATTTTGGC	TACTGAGTTT	TGTTTTGT	TGTTTTGT
299451	TGTTTTCCCT	AATATTTCTT	ATCAAGCCAG	GGTCCCCTAA	AATGTTAGGC
299501	TGAGGTCCCT	CATCCTTCTG	GGGCTTGTAC	AGCAGCTGAG	AGTGTGCAGC
299551	TCTTCTGGGC	ATCCCCTAGG	ACTCAGGGTA	AGGAAAAATG	AACTGGCAGC
299601	GACCGGCAGA	GCATGTCCAG	AACCTGGGTG	GGACTCTGAT	CCTAACCTTA
299651	GCTCTCATTA	AATGAATCCC	TACAGTGGG	GCACAAATTC	TTGCTGGTTA
299701	CAAAACACCC	AAGTTTACTGG	AGATCCGAAG	ATAAATAAGA	CACAGTCTCT
299751	GGCCAGCAGG	ATCTCGCCGC	TCCAGGAAGG	GACCCATAAC	AGCCAGGCAA
299801	CTCTGCACAT	TCACAGAAAA	GGGAGCAATT	AAGTTTGGCCA	CAGAGGAGAT
299851	GACACTTCCG	CTGAGCTCTT	GTAAGCCCTG	CCCAAGTTAG	CGTGAATGCC
299901	CCCCCCTTAG	GGGATATTAG	GAGACACCAG	AAATCCATTT	AATGTCTTCT
299951	TCATCCAGCT	TGACAAATGG	CACTCCTTCC	AAATGTCTAC	AAGATGCATA
300001	TGCCCTCCAA	ATGCTATCTC	GGAGCCATTA	AGAACTAAAC	ACATTGCACAA
300051	ATACCATCCT	GTTCCATACT	TC'TTATAGC	AGTGGAGTGT	TCAGCCACAG
300101	TAAATTCGAT	ATCAGGCTTC	AAGGATTTAG	GTATTCCAGC	TATTTGAGGG
300151	TGCTTTTAT	AGCACCCCTC	TCTCCCCCAC	CCCAACACTT	GTACAAATTC
300201	AAAAATAGAT	TTGCAGCATA	CAGGGAATGT	TTTTTAATATA	ATGCTCTTGT
300251	TACTTCCCTG	AACATAAAAC	ATCTGAGAG	AACAGGGACG	TCTGTCTTGT
300301	TGGCACTTAC	TGTTCTTATA	GGAAAA'TAA	AGTCTCTCAA	AGACACAGTT
300351	CAGTGGGCCA	ATTAAACCTT	GTCTCTGCTT	TGTTAAGCTC	ACAGAAACAA
300401	TATGGTAGTG	ATTCGTAGAT	CTATTGTTC	TTCAAAGCAT	CAGCTATGAA
300451	ATCCAGGTTT	GAATGCTCAG	AAAGAAAAAG	CAGATTCAAC	ATCTTGGCAA
300501	TAAGCATGTA	TTTCCATCTC	ATTTTCGTAT	TTTTATCTCTA	GGCAGTCTG
300551	TTT'TGGGTGT	CACATTACAT	TCTTGATGGA	GAGTATTTTC	GGAAAAATGTA
300601	AAATGGGCTG	GATGTCATGA	AATAATTAT	CTTT'TGCTC	TTGGTGACAC
300651	TTAACCGTCC	CTGTTTCTAG	GGAGACAAAT	TGGTGTGTG	AGCACCTTGC
300701	CAGTGCCAAAT	GACTTTCGAG	TGACTTAGCT	CAGTGTCTAC	CCCCGGATAG
300751	GCTGGATGCC	TCTCATGGC	TAAGCTGGAA	ATAGATGGCA	ATGACCTCGC
300801	GCCTCTGGAA	CACACTTTGA	CCAAGGATGA	GGCATCTCGC	CAGGGGATGT
300851	CTATGAAGGC	CCAGAACATC	TGCCGTAGGA	AGTGGTTCTT	TCCCATTTAG
300901	GGGCACAGAT	TTCTTCCCTT	ACAAATATTA	GAATATGATA	GAGACTTTCT
300951	TCAGAAAAACA	CATTGAGCAC	TTGCACACTC	TGATGTGCAC	AGATGCAGAC
301001	ATGTACGTAT	AATGTTCTAC	ACAGACATGT	TGACATATAA	TTTTGAAGGA
301051	ATTTTTCAGTA	CTTCTGAATC	CAATTCATTC	TTCCCAAGAA	CTACTCATCT
301101	GAACCCCTGGT	CTTCTGCAC	CAAACTAGTC	CACCAAGAA	AATTTT'TTTT
301151	TAT'TGTTTATA	AATAATATTG	GGAGGCCTTG	AGTTTCAGTAG	GGTGGAGCTG
301201	TTTGTATTGG	ATTACACAA	GGTATAAATC	ACTGTGAGAG	TGTTGAGATA
301251	AAGATAGAAT	CATT'TATCTG	AATCCAGATT	TTTATATAAC	TGACCACAGA
301301	TCTTTTCTTT	TGGGGAGGGG	CACCTCTAGG	CTGACAGTCC	TCTGGACCCA
301351	CCTCTTGGCA	AAGAAGAGTT	TACAGCTGTG	AAATATATGA	CAGTCTCTGC
301401	CTCCAAGGGA	CTTCTCGCTC	TCACCTTGTC	TCTTTTGAAC	CAGAACTCCT
301451	CAGCGAGGAA	GAAATGAGTG	TTTTATGCTT	AGCACTCTAA	GAATGGTTGG
301501	TTTCTTGGGG	GAAATCAGAG	AAAACAGAGT	CCCATTACT	TCACACACTG
301551	GGAAATTTGT	CCTAACACAA	TCTTTT'TTGT	CAATCATCTG	CTTGAATCTC
301601	GT'TTCTCTTA	GCTTCTGGGA	GCAGTTATTT	TCTGCTCATG	AACTCAAGC
301651	TCCATGCTGG	CTTCTGGGTG	AGGGAGTGG	CCCTTTGATT	GTCTGTTTTC
301701	TGTCGTCAAG	ACATCATCTG	TCACTCAATA	TTGTCTACTC	CTGCTTCCCA
301751	GGGGACATCT	TGTATTAATG	GCTATAAATA	AAACCCCAACA	CGCCCTTTCT
301801	GAAAGTGTGA	ATAACAAAGC	GTACCACACC	GGTCAGTCAG	GATAAGATCT
301851	CGCTCAGGCT	CAGGTAAGGA	ACATTTCATT	AGGAGGAATG	GAGTCTTTGG
301901	AGTTT'TGGAG	GAAGATAAGT	AAAGACATCC	ATCAC'TCATG	GATTTTCATGG

301951	GAGTCGGGAA	GAAGGATGAG	GTTAGT'TTTA	GAGTACACAG	AGACTGGCGT
302001	TCCTTTGCGAG	TTAGTCAATC	CCTACAAC TA	AAAAGGATGA	AGCATTCCCT
302051	AGGAAT'CCCT	GCTTTCCCAG	GGCAGAGGAT	GTAGGT'TCAA	CATTGTCCAGG
302101	CCCCAT'TTTT	G'TTCA'TTTTG	TGATACTGGC	C'TT'TGCT'PCG	GGAAGTG'GCC
302151	AGGATACTTG	T'TAAGTGTGG	ACAAT'TTAAC	T'TTGT'TTTTG	T'TT'TGT'TTTT
302201	C'TTTC'TTTAA	AAAAA'AAAAA	GAT'TTATTTA	T'TTAT'TTTA	TAT'TTATTTA
302251	T'TTATTCAGA	ATACAT'TGTA	GCTGTCT'TCA	GACACACCAG	AAGAGGGCAT
302301	CAGAT'CCCA	TACCGATGGT	TGTGAGCCAC	CATGTGGGGT	CTGGGAAT'TG
302351	AACTCAGGAC	C'TCTGGAAGA	ACAGTCAGTG	C'TT'TACT'CTG	CTGAGGCTAC
302401	TCTCCAGCCC	GAAT'TTAGCT	AACT'TTAACC	CAT'CACT'TTT	CAC'TTATATAA
302451	T'TGTTACTGT	TCTTAGAGAG	CACAGGGCTT	GGATAAAGTG	AACAGTGGTA
302501	AAAGTAAGTT	T'TGTTGT'TGT	TG'TTTTGCTG	T'TT'TTTG'TTT	GTGGGAACAG
302551	GACCAAGGAT	GGTGGT'TGAG	AGGTGAAAAA	GTCACATGAT	AGATCCCAGG
302601	TCTCAGACTC	TGGAGAGCAG	CAT'TGGGGTG	CAGATCTGAG	T'TTAT'TGCCC
302651	AATGCATAAG	C'TTATATGCA	GTG'TTGAGC	CAATCATATC	GTGCCATGCC
302701	ATCACCGTCA	CCATGCCCCA	ATAAAAGTCC	CATCAAGCTG	TAGGACTTCT
302751	GAGAAGATGT	GGGAAGCAGT	CACCACCCTG	GCC'TTGGTTC	CTATGACTAT
302801	C'TT'GCTGGTG	T'TCTAGAGCC	ATC'TTAGATC	TAATGCCCCTG	GACAGCAGAT
302851	C'TGGAT'TCCT	CGAGGAGTCA	CAGGAGCTGT	GGTGCCCTGC	TCTCCATCCT
302901	ACT'TTTCCCT	TCACAAAGTT	GACCTCCACG	TCCCCACAG	TGTG'TTGT'TT
302951	T'TACAT'TTTT	ACAGGCTGAT	ATGATGTAGA	GTATCAAT'TG	TCTTAAGGAT
303001	TCAT'TTGTTA	GTAGCATGGT	CGGTGTGGTG	ATGTGGGAAG	TGAGATC'TTT
303051	AAGAGTCAGG	TCTGGTGGAA	GTCT'TTAGGT	C'TTTAAAAGC	TCTTTCATGAA
303101	AAGGAATTA	GAACCT'TCTA	GTGAAAT'CCT	GGGT'TTTTCA	GAGGGTGGGT
303151	GGTTACAGGA	T'TAAGAGTGA	CCCCTGAATG	CATC'TTGTGA	TGGAGTCT'CG
303201	C'TTTCCTGTT	TGGCAATAGA	TCT'TTCCTAG	TAGCAAGCTC	CCCTGCCGTT
303251	AGGCTCAACT	CTGCCAGGGA	CAAA'TCAATG	GAGCCATCCA	ATCTTGCGCTT
303301	T'TCCATCTCC	AAAAC'TGTA	TCTAAACAAA	CCTC'TTCT'T	TATAAAGCTA
303351	GCC'TTCTTTA	GCTATTCCAT	TGTATTAATT	CTAAACAAGA	GCC'TGAAACA
303401	CAC'TTGAAAG	AAGAAAAATC	AGCCTTGTA	GAT'TTGTGTA	TGAGACAAAT
303451	CAGACTCATA	T'TTCAGGAGC	CCTGTTCCGT	AACAGACATG	TGTCTCTGTA
303501	T'TTAAT'TTGG	GAAAAGAAAA	ACAAT'TGCC	TTCATCAC'TA	ATGCTAAATC
303551	AAATGAAAGG	AAACAAC'TCT	TCTTACCCTT	CTAGAAAACCT	ATGGGATGAT
303601	T'TTCAGCTTG	GGTCAATCGT	GAAAGCTT'TT	CGTATAAACC	CACAGAAATCC
303651	AT'TCCACATA	CAT'TCATCCG	C'TTACTAAGC	ACCTCCAGTG	CACCAAGGCAG
303701	GAAC'TTGGGC	CGTGAGCTTA	GGTACTCGAT	GCAACAGTGC	CAAGT'TTCTT
303751	CCCTGGAGGA	GCTCCCCATT	CGCGAGAAAA	AGAACATAAC	CAAGAAACTG
303801	CTAGAGCCAG	AGGAAGGAGA	ACTAT'TCAAT	GTATCAGAGA	GAGCCCTCATG
303851	AGAAGGCCGC	ACGCCAGTGG	ACTGACTTAC	GCCTGTGATC	CTAGCCACAT
303901	GAGGGCTGTG	GCTAGCC'TGT	GGTCTAGCA	CCCTGGGGGG	TGAGGCTAGC
303951	CTGTGGTCCT	AGCACCCCTG	GGGCTGAGGC	TAGCCTGTGG	TCTTAGCACC
304001	CTGGGGGCTG	AGGCTAGCCT	GTGGTCCTAG	CACCTTGGGG	GCTGAGGCTA
304051	GCTAGCCGTT	GACTCAC'TTA	CTGGGAAACT	CATCAAGCTA	TAT'TTTTCTA
304101	CAAAACATTT	AGAAAACATA	GAATAGAGCA	GTGTAGCTCC	CACATGGAGG
304151	TGAAAGGAGT	GGAGCTGT'TT	AGAGACTATG	TGTCCCTCAT	ACCCAGAGGG
304201	TCCCCAAAC	CCAGAGGATC	CCCCTACACC	CAGAGGATTC	CCCCACACC
304251	CAGAGAATCC	TACACACCCA	GACAAGGGTA	GATCAAACCC	TTGAAAGATC
304301	TCTTGAGAA	ACACCAGGAA	CAT'TTGTATG	GAGCTGACTT	TCTTTCCTCC
304351	TGCGTGCATG	TGTTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
304401	TGGTGGGGAG	GTGCTGCTGG	TGGTAAGGCT	TG'TTTTAAAA	CCAGGCAAG
304451	T'TTGGATCAC	ACC'TTTTAGA	T'TAAAAATGT	GAGAGGAGAA	ATCTCAAGAG
304501	CTTCAGG'TGC	CAGTATGCAC	T'TGCGACCCA	AGGTGGAAGA	GGGGACTACT
304551	TCCACACACT	ATCTGACATT	GGCGTCTTGC	CTTAGACCCA	CC'TATGATG
304601	TATCT'TTGG	AATACTTGT	TCACAGACAT	ACTGAGGTC	AGAATATTC
304651	TCCT'TGGAGT	GCAATGGGAA	AACTAGTAGC	TCACGGG'TTC	CAAAAATAGC
304701	CAAGACTCTT	TAAAGGTCAC	GGATAGTATC	CTCAAGTGAT	T'TTAAAAAAG
304751	GGTAATTTAT	TCTCCTTCCC	ACCCGCAATC	CATCTTCAAC	AG'TGTAACAC
304801	CTCACATTAC	AGAACACTTG	CAGAGAGACA	TATGGT'TTTC	TGAATCTTCC
304851	T'TTGTCTCCT	TAATGATGGA	TACATCTGTC	ATATTTT'TCA	CTCCTATGAC
304901	TCCACTATPC	T'TGCAAGTTT	TCTCCTTGGC	T'TT'TTTT'TT	T'TT'TT'TT'TT
304951	T'TT'TT'TT'TG	AGACAGGGTT	TCTCTGTATA	GCCTGGGCTG	TCTTGGAGAT
305001	CAC'TT'TGTAG	ACCAGGCTGG	CCTCGAACTC	AGAAATTCAC	CTGCCCCCTG

305051	CTCCCAAGTG	CTGGGATTAA	AGGTGTCTCC	TTGGCTTTTT	GTGAGTTTAA
305101	CCTGAGCCAT	AGCATGTGCT	GCATGCACCT	TGGTGGCCAG	TGGGCTCTCC
305151	CTCTAGTTAT	CACCAGATGC	CAGGTGGCAG	CCATACTCAA	GCAGGCAGGA
305201	ACTAGGTTTT	TCCCCTAAAA	GGAACGTGAT	CAGGAAACCT	GTCTGCTGCC
305251	CAGGCATTTT	CTGTCTGCTC	CCATCTTTAC	TACTGCTTTC	CTATTTGCAT
305301	TCTCATTTGC	TCACTGGGAG	CCTCCTCTAC	TGAGCCCTGA	CATAAATTGAC
305351	CTTGACTTTC	ATCTTCTGTT	TGTCTTTCTA	GTGCAGTGTC	TATTTAAAGCC
305401	TCCATTTTCAG	CAATTCATCC	TAACATGAA	TAGTACCACA	CACACAGAAA
305451	CACACACACA	GATATATACA	CACAGATGTA	CATACACACA	CATACACACA
305501	CATACAGATA	AACACATACA	GAGAGACATA	CATACACAGA	TGCACACACA
305551	GATACACGCA	CAGACACACA	CACACACACA	CACACACACA	TTCTACTACA
305601	TGGCATTTTAG	AAACATTTAG	AGACTCTTCT	TTTTTGCAGT	GAGAGTTGTG
305651	ACCATGCACT	GCATTGGAAG	AATAGGGGTG	GCAGAATCTA	TGGATATCTG
305701	GCATACTACA	GATAACTGTA	GATGATAAAG	AGATGATCTG	CCCAAAGCGA
305751	CAGTGACACT	ATAATGTTAG	CCACCATGTT	GGCTGCCTTT	TCTAACCCAGT
305801	GCAACTTGAC	ACGCTAATCT	AAGAGAAGAA	AAGTTTATGT	TGGCTTCAGAG
305851	TTTCAGGAGA	CACAGCCCAT	CATGGAGGGA	CATACATGCT	GGTGCCCATC
305901	TGTGGCAGCA	GAGCCTGGAG	CAACACCTCT	TCAGAGCATG	GCAGATCAAG
305951	GAGCAGAAAT	GGAACCAAAA	GTAGACCCCA	ATTCCTAACCC	TCAAGAGCTG
306001	TCCTCAGTGA	C'TATTGTCT	GCAGGAGGGC	CATGTACAAA	GGTTCAT'GA
306051	C'TTCTCACC	AGTGCCCCAG	GTGAGGACCA	AGTGT'TACAA	TGCTGAATC
306101	TATGAAGAAC	AAT'TCTTAGC	CAATCTATAA	CCACTGCCGT	GGATCCAGAC
306151	CAGTACACTT	TGATAATATT	CAGTATCTAA	AACACTACCC	CGATCTGGTGT
306201	CCACTTGC'TT	CTTTTCTGGG	AACATCTTAT	GATACATPAT	CCTTTAGGCT
306251	TTGACGGGGC	CATTAGCCGT	ATATAAGCTT	TCTCTTCTGA	ACCACAAACG
306301	TTTCAGCAAA	CACCGTGGGG	GC'TCCTCAGT	GTGACGATGA	TGCAATCAAT
306351	GGGAATGTGT	TTGAAGACCC	AGAAACACTC	TCTGCTTTAT	AGAGAAATGC
306401	CTATCCCTTG	GCAAAAAACAA	CAGCCATGAC	CCAGGCCAAC	TATCTTCTTT
306451	CTGATTCCAA	GGTCAAGCAT	AAAGAAATGA	GGCTTACTTG	ACATCATGTG
306501	AAAGATCCAT	CTAACCTAAT	TCAGAGTCTA	CCATPACATAC	AGTCATAA'TT
306551	ATGAAAGTCT	CCACAAAGGC	ATGAAACCAT	GAATGAAACAT	ATGTGAGGTA
306601	GTCTCTCCAG	TTCAGTTCTC	AACATAGAAA	AAAAAAAGCT	T'TCCCAGAAT
306651	GCAGAGCAAT	GCCTACCCTC	CCCGACTTCA	AGGACTCTGT	GATTAGTAAT
306701	GTAGACAGGC	ACTAGAACTT	ATCCAAATTA	CTAAATTCCT	GCTCTGTCTC
306751	TCCTGACTCA	TCTTGCAGGA	ACAAATCACT	TCTGTACAGT	GAGCAATGGA
306801	GGGGCAGGGT	GCAGGGGAAA	GAAGAATCAT	CATGGAACATC	CTGGTAGACA
306851	CCAGGCC'TTT	GGAAATGATT	CTAAGCAAGC	ATGAATGCCC	T'TTCATAACA
306901	AGAAACTGTA	GCAGATAAAA	AGCAGCTTCA	CTTTATGGGC	AACTAAATGT
306951	AGTATAAGGG	TTGGCAGCTC	TACCTTTATC	CTGTGCCTGT	CTCCCTTGAC
307001	TTGGGGTCAG	ATT'TCTACTG	AAT'TTGCACC	ATAGGTGTAT	TAATCACTAA
307051	GGGTTATGTA	CTGGCTGGTT	TTGTGTGTCA	ACTTGACACA	AGCTGGAGTT
307101	ATCACAGAGA	AAGGAGCCTC	CCTCAAGGAA	ATGCC'TCCA	GAAATPACAG
307151	TGTAAGGCAT	TTTCTCAATT	AGTGAATCAAG	TGGGGAGGGC	CCATTGTGGG
307201	TGGTGTATCT	CCTGGGCTGG	TAGTCTTGGA	TTCCATAAGA	AAGCAAGCTG
307251	AGCAAGCCAG	GGGAAGCAAG	CCAGTAAGGA	ACATCCCTCC	ATGGCCCTCTG
307301	CATCAAGCTC	TGCTTCTTGA	CCTGCTTGAG	TTCAGCTCCT	GACTTCTCTT
307351	GGTGATGAAC	AGCAATGCGG	AAGTGTAAAG	TAAAT'AAACC	C'TTTCCTCCC
307401	CAACTTGC'TT	CTTGGTCTCTG	ATGTTTGTGC	AGGGATAGAA	ACCCTGACTG
307451	AGACAGGGTA	TCTGTCTAAA	ACCTGGCGAC	AGGAGACTGA	TTAGCTTTTCA
307501	ATGTCTCTCAC	CTACCCCACC	CTTTGTCAAA	GCTTAAAGTA	CAAAAGACAAA
307551	AATAACTAAG	TTATTTT'TCT	GCTATTTT'TA	CAACAGAACT	TCCAGACTCT
307601	CAC'TCTCACC	TCCAGAGTGA	CCCAAACTCT	GCAGTCTCTAC	AGTCAACCTG
307651	AAT'TCCAGAA	ACAGTGGAGT	GGCATAGGCT	GCTCATCCCA	GATAAGGAGG
307701	TCCTPCTAAG	TGCAAGAATT	ACCAGTGGCT	GGGAAC'TGGA	TCTGCCTTCCA
307751	CACCCAGTTG	GGAGCAATCA	CCCCTTGGGA	ACTGGATTGT	CCCTCAACTT
307801	CGTAAGGACA	TCTCTGAAGC	TACATTTTGG	AACACAGAACT	GAGATAATGG
307851	TGAGT'TGTGT	CCCAGTTTGA	GCAAGCCTGC	T'AAAATAAGC	CTCTCTCTTAC
307901	CTCAACCTCG	TTTTTCTCTA	CTTAGAGGAA	AAACTACTAT	CTGCACCCCA
307951	AAACGGGCTG	GAGTAGTTGG	TCTCCATCTT	TC'TTTGACAT	GGCCTTGGTG
308001	ATAAAAAATCC	CTCCATCCTT	TCCTTTGTCT	TCTCTTGGCG	GGTAGGGGAT
308051	GTGTATATGT	ATATGATGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
308101	TGTGTAGGCC	AGAGGCTGAT	GTCAGGTGTC	TTTCTTGACC	ACTCTGTACC

308151	TTCTATTTTG	AGATATGGTC	TCCCACTTGA	ACCTGGGGCT	CAC TGGT TGG
308201	CTAGTCTAGT	TGGGCAGCTT	GCTCTGAGGA	TCCCTCATGC	CTTCCAAGCA
308251	CTGGGGTTGT	AGGCAAGCCA	TGACAACGGA	CTAGCATTTT	CATTAACCTT
308301	GGAGATT TGA	ACTCTGGTCT	TCATAC TTG	ATGGCAAGCA	CTGTATCCAC
308351	TAGTCTACCT	CCCCAGCCAC	CTCCTATACC	TTTTTCCCATC	AAC TCTGCCG
308401	CTTTTTCTTT	GGGACAGGTA	GCTGGATGTG	ACTGTGAATG	TTTCCAGCTT
308451	AGGAC TT CAG	CTATAGTTTA	ATCATCTGAT	GTTCTTAGGG	ACCACAGGGT
308501	GAGCCTTGTT	TACCTTACTT	ATTTTGCAGG	CTGGAGAAAC	TGATGCCCAG
308551	GAGGAGTTGC	ACGAGAGGGG	ATGGA AAAAG	TAAGGGGGCTG	AGATAGAGAC
308601	TTGCTCTGTA	ACAGGTGGAT	CTTACATCCC	ACTCCTGGTG	ATAC TGATAT
308651	ACATATATGT	ATATGTATAT	GTATATGTAT	ATGTATATGT	ATATCTATAT
308701	GTATATGTAT	ATATATGTGT	GTGTATGTGG	TTTAATTTTTC	CCTTTCCCTG
308751	CTATTACAGG	GAAGACACAG	CTGCCTCACT	TTTGCCAGCC	ACACAGAACA
308801	TGAGCTCCTT	GTGGCAATCT	GTAAAGAAC	CTTCTCGCTC	TGCATCTCCA
308851	CCCCAGATCC	CCTCTTCGGT	GCCCGTGAAG	CCCAAGTCAA	AGCTAT TCCC
308901	AAGATGAAAT	GTCAATTAGC	TCC TCTACTC	TTGGAGACAT	ACTCCTCCCTG
308951	CCCTTTTACCT	CCTGTCACCA	CAC TCTGCTT	TCCACACAGC	TAATCTGATG
309001	TAGCCACCAA	CAGGATTGGG	ACATGGCCTG	TCATGTGGAT	TTGTTAACTC
309051	CAGCA AAGAT	TATCTAAGGT	TGCTCTTGGC	TAGAAAGTTT	GGGTTTCCCAA
309101	GTAAAAGCCA	GACAAT TCTC	TTCCAGCTC	TGTAACAAC	TTTCCAATGG
309151	GGATGCCCGC	TCC TGATGCT	GTAGGGCCCG	AGTGT TTTCC	AGGCCACCGG
309201	ACAGGTCAAG	CTGCCCTTTG	CAAGTTGTTG	CATGCAGACT	GGCCTCTTTG
309251	TTTCCCCCTT	CTTTTTCCTG	ACATTGTAAA	TTCCAAGAA	ATGCTTATGA
309301	TGTTAAATGC	CAGAGTCATC	TCTACCAGGA	ACAAGGAACA	GAAAAACCTA
309351	GCAAGTCACT	AAGTCTTTCA	ATCAGCAATC	TTCTTGCACA	GACCCAGAAA
309401	TATCAGTGAT	TTTTTTTCAGA	TAACGCCAGA	ATACGCATCA	AAGAAGTGGG
309451	CCACTGTAGG	AGTCAAGATT	GCTCCGGCAT	TTACCTAGCC	ATCTGTAGCT
309501	AAAGAGTGCT	GTGTTAAATT	TGATGTGCAA	GTTCTCACT	TACAGTTGTT
309551	AGGGAGGATG	GT TTTGTTCTG	GACAGGAAGG	AATCTATCAG	CTTCAGCTTG
309601	CTGGCTTGCT	GCTGGTAAAA	GCTCCTTTCT	CTCCTGTCAA	GCTGTTTCTC
309651	AAGTCCCCAG	CTCCTCAGG	AATCAGTAGA	ATGAGCCTTC	TACAGTGTAG
309701	AGACCCGGAG	TTTACAGCTG	TAAACTTACA	GTGAGCACAT	CAGGCACTAA
309751	CATGCATGGG	TGGGATT TCC	AGGCACAAGA	GAGACTTTGA	ACATAGAAGG
309801	GAATCCCATG	GCCAGACTGT	CAGCATGGTA	GGGGAGGAAA	GATGAATGGA
309851	ATGTTT T GCA	GTCTCCCCAC	CCTTTTCACTG	TTCTCAGTCA	GGATGGT TCC
309901	TTATAGCAAA	AGAGACCAAC	AAGAGATCAG	GAACCCAATG	TTTAAACAGCA
309951	TGAGTGCTTG	GGTAATAGGA	AACAGAGAGT	AAGAAAGAGT	AAGTT CAGGC
310001	TGAAATCCCA	TCCGTTCCCTA	GAACAGAGAG	GGGGGTGAGG	GGCAAGCTC
310051	TGCGGAATCC	TGGCAGGATA	CTCAGGAAAT	GCTCAGCAAA	CATGATT AAC
310101	ATTTTCTGTG	TGCTTCCGCT	TCATGCC TPC	CCTGTTGGGC	TGCGTTTCTA
310151	GTTCGCTAGA	GTCAGCCAT T	CCTCTTGGCG	CTGAGAGGAG	ACACCTTAGC
310201	AAAGGAAGAT	TTCTTTT TGA	GATGGAGATT	CCTCTATAAA	AAGGCTTTCT
310251	TCCGTTCTGT	CATCAGCTTC	TCCTGTACCA	ATAACCAAGT	CAAAAATATC
310301	CTTACACCGT	AGAGGCATGT	TGGGCGTGAC	ATATACCAGC	GCCCGACAGT
310351	CACATTTTGT	AGGAGCAGGT	TCTGAACTCT	AAGCATCTCA	TACCCCCCTC
310401	TTCCCCCACT	GATTCTTCTT	TTTAACTCTT	GAAATGGCTT	TGAAAAATAC
310451	TTCACTGTGT	ACCACAGACT	TCTTGTCTCT	TGGCTGGCTC	ACTTAGTTAT
310501	TTAGCAAAAC	AGTTTTCCTA	GTGCTTCCAG	TGCACACAGA	TAGGTATACT
310551	TAGACGGAGG	CTACCATAGC	TGGAGAACAA	ACAAACAAAC	AAAAATAGCC
310601	CTACCCCTCAT	AGAGCTTTTA	ATCTTCTTTA	AATTCATAAC	TATAGTAAAT
310651	GATAAGAAAG	AAACTACGTA	GGCTAGAGAG	GAGAGATGGC	TCAGTGGTTA
310701	AGAGCACTGG	TGCTCTTCT	AGAGGACCTG	GGTTC AATT	CCAGCACCCA
310751	CACAGCATCA	GAAACTATCT	GTAGCTCCAG	GTTCAGGAGA	TCCAATTGTC
310801	ATCTTCTGGT	CTCTAGGGTA	CTGCATACAC	GTGACATATA	TACATACATG
310851	CAGGTGAAAC	ACCCACACAT	GTAAAAATAA	AATAAATGAA	CTTTTATAAG
310901	GAAGCAAGCT	ATGAGAACAC	ATTAAGGAGA	GT TTTCTAGT	GAGGGGGGTC
310951	ACAGGCTGTG	GGCTTGGACT	CTGGA TCTCT	CATCTTGGCT	TGACTTCCAT
311001	CTTGCTGGCT	CGGTTGGTTG	CTTTATTTCT	CTGCTGCTGT	TACTGGGTGT
311051	TTACGATAAA	ATTCCCAGTT	CCCCAAGTCC	TCACAGACTG	GGTTCACTAT
311101	GGCAGCTGAA	GGGCAGAGAG	GAAGTTCAAT	CATTGACCCC	CGAGTTTATC
311151	CCAAGTACTG	ATGTGAATTT	TAGGTTCAAG	CAGAGGAAGA	ATTAGGGCAT
311201	TGGGAAAGAG	AGGTGCCTAA	TCAAGCACTT	TTGGTCAGGG	TGTGATATGG

311251	T'TAA'TC'ACT'G	T'CTC'AGG'C'T'T	G'CT'T'CT'G'CAA	G'G'T'G'G'T'T'G'GA	A'G'A'AG'T'CC'T'T
311301	A'TT'G'T'ATA'AT	A'AG'G'G'A'CC'AC	T'T'G'T'T'T'T'CT	C'G'A'AG'G'G'T'T	G'T'T'P'CT'G'CT'T
311351	G'G'G'G'G'T'A'AT	T'CAT'CA'CC'G'G	C'T'G'AT'CT'G'T'C	T'T'CA'AA'AG'T'C	T'G'T'T'CT'AA'AA
311401	A'CC'CA'AG'G'T'A	G'G'T'T'T'G'G'AC	A'G'T'G'T'CT'G'G'G	T'T'T'G'T'G'G'G'G	C'AC'AG'AG'CC'CA
311451	G'ACC'AT'G'G'GA	A'AG'G'CT'G'AT'G	G'T'A'AG'AC'ACC	T'CC'G'T'CA'CT'C	T'CA'T'CT'T'G'T'G
311501	G'T'C'T'T'AG'T'G	T'T'G'A'AG'CA'G'G	A'CA'AA'AA'T'AG	G'T'T'AG'G'T'G'T'C	A'T'CA'G'G'T'P'CA
311551	A'G'G'G'G'G'G'CA	C'T'C'T'T'AA'G'T	C'AT'CA'AT'G'T'G	C'CT'AT'AT'G'CC	G'AG'T'T'CC'T'AA
311601	G'G'AG'T'G'G'CC'A	T'T'AT'G'C'CT'T'C	A'CA'G'AG'T'T'CA	G'CT'G'CA'G'T'CT	A'G'G'G'T'G'CT'C
311651	G'T'T'AT'CA'AAA	T'T'G'AG'A'AG'AA	C'AA'AA'G'A'AG'T	T'AC'G'AT'A'AT'C	C'AC'AT'T'T'CT'G
311701	T'T'T'CA'T'G'G'T'A	A'AG'AT'T'T'A'AG	A'G'AG'T'A'AT'AA	T'AT'G'T'AC'AG'T	T'AA'AA'CAT'T'T
311751	T'T'T'AAA'AT'G'G	G'CA'AT'T'T'CAT	A'T'ACT'AT'T'GA	G'GA'AT'AT'AT'C	A'CT'G'T'AT'AG'C
311801	C'T'T'CA'G'T'G'AA	G'AG'CA'AC'T'G'G	T'G'G'T'T'AT'AG'A	C'AT'CC'CA'T'AA	C'T'AT'G'G'AT'T'C
311851	C'AC'AT'T'AA'AG	A'ACT'CA'AA'T'T	A'CC'A'AG'A'ACA	G'AA'AG'AT'T'G'T	G'AG'AT'T'G'T'T'C
311901	A'G'G'AC'T'G'AT'G	T'A'AT'CC'CT'AC	C'ACT'AT'CC'CC	A'AC'AC'AC'AA'T	A'G'T'AA'AT'AG
311951	C'T'G'T'CG'AC'AT	A'AC'G'CT'CA'CA	T'T'G'CA'T'T'G'G'T	T'ACT'AA'AC'AG'T	G'G'T'CT'T'G'AT'G
312001	T'G'AC'AG'T'ATA	C'CA'G'G'G'AG'CA	T'G'T'G'T'G'T'G'CA	T'T'AT'T'T'G'CA'AA	A'T'AC'T'AT'CCA
312051	A'T'CC'CT'G'T'AA	G'G'AG'CT'T'G'T'G	C'G'T'T'CA'CAT'A	T'T'CT'G'G'T'ACC	T'G'C'AG'G'G'AA'G
312101	G'CA'CT'AG'A'AC	C'AA'T'T'CC'CT'G	T'G'CA'T'A'AC'AC	C'AG'AT'G'ACT'G	T'AT'AC'AT'T'AA
312151	A'AT'T'AAA'AT'CT	T'T'AAA'AT'AT'G'G	G'T'T'G'AT'T'CT'G	A'T'T'CC'CA'AA'T	G'AT'T'T'T'T'T'G
312201	G'GA'AG'AC'T'GA	A'AA'T'GA'AT'G'G	A'CA'AA'AC'CC'CA	T'T'AC'AT'CA'T'G	G'CT'T'CT'AG'G'G
312251	C'AA'AC'T'G'G'AA	A'CA'G'AG'AA'AT	A'CA'T'G'CT'AT'G	A'GA'AT'CT'AT'G	A'CT'G'T'AT'AG'A
312301	T'CC'AA'AT'ATA	A'CT'G'G'T'T'CC	T'G'T'AG'T'AT'AG	T'CT'T'T'CT'AA'AA	G'G'AG'T'GA'AT'T
312351	A'T'T'ATA'AA'G'T	A'AA'T'GA'AT'T'T	A'CT'T'CC'T'T'T'C	A'AA'G'A'AC'AT'T	G'AA'AG'AT'T'CT
312401	A'AT'T'T'CA'T'AA	C'T'CT'T'AT'CT'C	T'ACT'T'AA'T'GA	T'G'T'AT'T'T'T'T'G	C'T'T'T'GA'AG'CC
312451	T'T'AT'T'G'T'AA	A'T'AT'T'T'CA'AG	C'ACC'AC'CA'AC	C'AG'G'G'G'AA'AG	A'CA'CA'AG'T'T'T
312501	A'AT'T'AA'T'AT'C	T'AT'T'AA'T'G'AA	A'AA'T'G'AT'G'T'A	T'G'AG'AT'AT'AC	T'G'CT'T'AT'T'AA
312551	A'ACC'AT'CA'T'T	A'T'AA'AA'G'AG'A	A'CA'T'AT'AT'CA	T'G'ACC'AC'T'T'A	T'G'T'T'T'AA'AT'A
312601	T'AT'AC'AA'AG'G	C'T'CC'AG'T'AA	T'T'AC'AC'AG'T'C	G'T'T'CA'CA'T'CA	G'ACT'AA'AC'T'T
312651	C'CC'AT'T'AA'T'A	A'T'G'AG'AA'AG'C	A'CA'T'AT'AT'G'C	A'AA'G'T'G'CT'AA	A'AA'CA'G'AT'T'C
312701	A'AT'AT'CA'G'G'C	A'T'G'AA'CT'G'AT	G'G'G'T'AT'ACT'G	C'GC'AC'CT'AA'AC	T'G'ACT'T'CC'CT
312751	C'CT'AC'AT'G'T'T	C'AC'AG'CT'CT'G	C'AG'G'AA'AC'AG	G'CT'T'AG'T'CA'AA	T'CA'G'G'G'AA'CT
312801	T'G'A'AG'G'A'AG'G	A'G'T'A'AC'AG'AA	G'G'T'T'G'G'T'CC	A'G'CC'G'AG'AG'G	G'AG'AG'CC'CC'AG
312851	A'T'G'T'AT'G'T'AC	A'GA'AT'C'T'T'G'G	C'AG'A'AT'CC'T'T	A'AG'T'G'G'AA'AC	A'T'ACA'AG'G'CA
312901	A'AA'T'T'CC'AAA	G'AT'CA'G'AG'CA	G'AA'AA'CA'G'CA	G'CT'G'G'AG'T'T'C	A'GA'AT'G'AT'GA
312951	G'CA'G'AG'AT'T'T	C'AG'CA'G'CT'G'C	T'T'G'G'CA'CT'G'G	G'AA'G'AT'AG'G'G	T'T'T'GA'AG'T'T'A
313001	A'AA'T'CC'T'AT'C	G'ACT'CA'G'G'AA	A'AC'G'G'G'CA'AA	A'CA'T'CT'CT'AG	A'AT'CC'AG'T'CT
313051	G'T'A'AG'G'CA'T'G	A'GC'AG'CG'T'G'C	C'T'C'T'G'CT'CT'A	T'G'G'AG'CA'CA'T	T'CC'CA'G'AG'T'G
313101	T'G'AG'CC'G'T'AG	C'AT'AG'G'ACT'G	A'G'G'AC'AA'AA'AC	T'CA'AC'AT'G'AC	G'AG'CT'T'AA'CA
313151	A'G'G'CT'T'AG'GA	A'AC'AG'CT'T'AC	G'CC'AC'AG'A'AG	G'G'G'T'AT'CC'AC	A'AG'A'AG'CT'CA
313201	G'CT'T'CC'AG'T'G	G'T'G'T'AAA'ACC	A'AA'T'AC'CT'G'T	C'AG'AG'G'AA'AG	G'AG'CA'T'AA'AT
313251	T'CT'G'CT'CT'CT	G'CA'AC'G'T'CC'CC	A'CA'T'ACA'AA'CC	A'G'G'AT'CA'G'G'G	A'CG'T'G'CA'AA'AG
313301	A'AG'T'AG'AA'AG	G'T'AT'G'G'AT'CA	G'AA'CA'AA'AG'AG	G'AA'AA'ACT'AA	C'GA'AT'GCC'AG
313351	A'AA'ATA'AA'AG	G'AT'CT'CC'ACA	A'AG'CA'AG'T'G'T	G'G'G'T'T'AG'AA'CC	G'AG'CA'T'AT'AT
313401	G'GA'ACT'T'AA'G	A'T'G'ACT'AT'CA	A'ACT'T'CA'CA'G	G'G'AC'AG'AT'T'A	A'T'AT'ACT'G'T'A
313451	T'GA'AG'G'T'G'T'G	G'AG'G'T'G'T'AG	A'G'AA'AA'AA'AA'AA	T'AG'AG'AA'AA'CT	C'T'T'A'AG'G'G'GA
313501	A'AAA'AT'G'G'AA	A'CT'T'T'AG'AA'AC	T'G'AC'AC'AC'AT	T'CT'CA'CA'AA'CT	G'T'G'AA'AA'AT'AA
313551	G'AT'AT'CT'G'AA	G'T'T'G'AA'AAAA	A'AG'AC'AC'CT'A	A'AT'AA'T'T'G'GA	A'AC'AT'G'T'T'G'G
313601	C'T'AA'G'AC'T'AT	C'AG'CA'G'T'T'G	G'AA'G'A'AG'CA'G	G'AG'AA'AA'G'AA	T'G'AG'G'CA'T'T
313651	G'CA'AA'G'T'AA'T	C'AA'CA'AC'ATA	A'CA'G'CA'G'T'AG	C'AG'CA'G'CA'G'C	A'G'CA'AC'AG'CA
313701	A'CA'AA'AC'CC'CA	T'CA'AG'CT'G'AA	G'AG'AG'AA'AA'AT	A'T'T'T'GA'AG'AG	A'AA'T'G'AG'CA'G
313751	A'AC'AT'CA'AA'T	A'T'CT'AA'AG'GA	A'AA'T'G'CC'CA'T	G'AA'CA'T'G'CA'T	T'AT'CT'G'AA'GA
313801	G'T'T'AA'T'AA'GA	C'CA'AA'G'AT'AC	T'T'AA'AG'AG'G'G	T'T'G'ACT'T'AA'T	A'ACT'T'CC'T'AC
313851	A'T'T'T'G'AA'T'AG	T'A'AT'AT'G'AT'T	T'T'G'G'T'T'T'G'A	G'AC'AG'G'G'T'T'T	C'T'T'T'G'T'G'T'AG
313901	C'CC'T'G'G'CT'G'T	C'CT'AG'A'AC'T'A	G'CT'CT'AT'G'GA	C'CA'G'G'CT'G'G'C	C'T'CA'AA'CT'CA
313951	C'AG'AA'AT'CT'G	C'CT'G'CC'CT'G	C'CT'CC'CC'GA'AT	A'CT'G'G'G'ACT'C	A'AG'G'CA'T'G'T'G
314001	C'CG'CC'ACC'AC	C'ACC'AG'G'CA'AA	T'AT'G'AG'T'T'T'T	A'AA'T'CT'AA'GA	A'G'G'AG'G'AG'GA
314051	G'G'AG'AT'AT'CT	T'CC'T'CA'AG'T'G	A'T'AA'AA'AG'AT	G'T'AT'AT'AC'AG	G'AG'T'CA'AA'G'G
314101	A'GA'AG'G'AT'G'C	C'CA'AA'AA'AT'G	T'T'CA'T'CA'G'AA	G'T'AA'CC'GA'AT'G	G'T'AT'AG'AC'AG
314151	G'CA'AG'G'AT'T'G	G'G'CT'T'G'A'AG'G	T'AT'T'G'CC'ACT	C'AT'CT'G'T'AA'T	C'T'CA'G'T'G'T'TA
314201	G'GA'AG'T'AAA	A'G'CA'AG'AAAA	T'CA'G'G'CA'CT'C	A'AG'G'T'CA'T'T'T	T'T'G'G'CT'CC'AT
314251	A'CC'A'AG'G'T'T'A	A'G'ACC'AG'CC'CT	G'T'ACT'CC'AT'G	A'G'AT'CA'G'CT'C	T'CA'AA'CA'AAAA
314301	A'G'AC'T'CT'CA	G'T'CT'AA'CC'T'C	C'CA'G'T'A'AC'AC	A'G'CA'T'CC'T'CT	C'CT'T'T'AA'AG'G

314351	ATGCTTGCCTA	GGTAGCCAAG	GAGGACCTAA	AACCTGTGAT	CCTCCTGCCT
314401	CAGCATCCCA	AATAC TAGTA	TTATTATAGT	CAGCCACTCT	TCTTCCCAGA
314451	TAAGCATTTA	AAAAAATTTA	TTCCAAGTCT	CTGAAATAT	ACTAAAGACA
314501	TACAGTAGAT	AACCAGTGGA	GAAATATGTG	CCCAAGAAAA	ACTTATATCT
314551	TGGTA AACAC	TGGATGAGCC	TGTGGTGCCT	GAACCATGAC	CCTGTGAGCT
314601	CTACCCTGGA	CATGGAAAAA	TATAAAATTTG	AGGGGAGGTA	TTTCTCTCTCT
314651	CCTGTACTCC	CAATTTGGGG	CTACAAATGTC	ACCCTTTT CAG	GAACAGAATG
314701	CTGGCACATT	TTGTGT CAGT	GATCACCAA	AGGATGATAC	CTGTGACTCA
314751	AATAGCATGT	AAATGCCAAA	AGTGT TTTAT	TCTGCAGAAG	TCGGCATTTCT
314801	GGGGTCTCCC	ATTACCAGCA	TAGAGAGAGA	CGCTCAAATG	AGTTTGGCAAG
314851	CCCGATT TAA	AGCACAATTAG	GGAAATTT CGG	GGTAGGTGAT	CTCTATGT TTA
314901	ATCTGT CAGG	TCCATCTCTA	TGGACACTCT	ATTACGGGTG	TGTAGGGGGC
314951	TGGAAAAATTG	ATGGGGTGAT	CTGGGAAC TG	TTGCTTAGGA	AGCTTGGAAA
315001	CTGCTGCTGA	TCCGTTGTCC	TTGCCTCGGG	CCAGGTGGCT	GGGCAGCTGC
315051	TGAGGCTTGG	ACTTGCCCAA	TTCTTGGA AA	CAGGGATT TTA	GGTGTTCT TTA
315101	ACTTCTAGTT	TGAAGCCTGT	CATGGAGTCA	GCTTAGCCTT	CTGACTCCGT
315151	GTGGTAGGAG	CTGTATT TCA	GGTAGGCAGA	ACC AAGGGCT	CAC TCTTCTT
315201	ATCAAGCCAT	ACCAATGCCC	TACTACAGAA	AAATCTGTCT	TGTGACTCAT
315251	AGGCCATGGG	TACTGCTGCT	TTAACTACTG	TGTCCACTGT	GGCCTGGTCA
315301	GAGAGTAGAG	TTTCCACACT	GGCTGAGGTG	GCAGGACGTT	TCCTGGGGAG
315351	TCCATT TCTA	TTCATCTCAG	ACCCAGACGG	TGCTTCAGTC	TTTTTGTCTGT
315401	GAAGAGACAC	CATGACCAAG	TCAACTCT TTA	CAAAAGAAAG	CATTTAATTA
315451	TGGACTTGAT	TACATTT TTT	TCAAAGACTT	AGTCTATTAT	TGTGACTGCA
315501	GGGAGTGAGG	CAGCATGCAG	GTCTACATGG	TGGTGGAGCA	GTTGAGTGT T
315551	CGATGCCACA	CCCCCTAATC	CTTCATCTTG	TCAAAGATTG	CAC TCTCAAT
315601	CAAATAATATG	AGCCTATAAG	GGCCATTCTT	ATTCAACCAAC	CACAGCAAAG
315651	ATGAACCAAA	GAAATAATTC	TAGCCAGACC	CAGCCGAGTC	CAGCATAGTG
315701	AATCAATGAG	TTTGCCAGGG	TTACTTGCAA	AGCAT TGGAG	TGAGACATTA
315751	CTTCTAGGGG	TGTGGTCAGC	AGAGCCACTG	AAAAGTCCTC	TCAAGCCCAG
315801	TAACAAC TCT	GGAAAGCTGC	TTTATGGCAG	CGTCTGCAAC	AACTTGTGGG
315851	TGGATATCAG	CCCAACAAAG	TGGTCTTTTC	CGGCAATCT	ATT TACTGCT
315901	TATACAACCT	CAGGAAGACC	CTCATGGGAA	TTGTAA GTTT	CTTTC TTTCT
315951	TTCTTTCTCT	CTTTCTTTCT	TTCTTTCTTT	CTTCTTTCTT	TTCTTTCTTT
316001	CTTTCTTTCT	TTCTTTCTGT	CCTTCTTTCC	TTCCCTCCCT	CTCCCTCTCC
316051	CTCTCTCTCC	CTCCCTCTCC	CTCTCTCTCT	CTCTCTCTCT	CTCTTTCCCC
316101	CTCCCCCTCT	CTCCGACCCC	CTCTCTCTCG	CTCTCTGAGC	CCCCACCAAC
316151	GACAGAAAG	ACCCAATACA	GAGCCTGGGA	ACGGAGTGCC	CAGATAAATC
316201	ACGCCACCAAG	AAAGGTAGCA	ACGGCGGGAA	CGTTAGCAGA	TGAACAACAA
316251	AATGCAACAT	AGAGCGACGG	AAACAACATA	ACCACCCACC	CAAAGACAGA
316301	GAAAGCATGGA	ATATCTCAAC	ACATCAGAAA	CGCTACCCGG	CCAAAAACAGA
316351	AACTATAGTC	AGCTGATCAT	TCAGACGCCC	CCCAAAACCC	TGAGACGCCAA
316401	TAGTACCAAC	AGAA TAGACA	GGCCACACAC	GCCCAATATC	TGAGGAGACT
316451	TAGAACGCAGA	GGGATATAAC	CCCTAAACAA	AATCTCAATC	GCCAAACTCT
316501	CTTTGACAAT	AACATATACT	CATACAAACG	CATGGACATG	GTCCGCAAT
316551	CAACCGAAAA	TAAAAATATAC	AGAGACTCGC	AAACATATTC	TCCCAACAAC
316601	AAATCCATGT	ACCATGTGAA	ATACATCTCT	ACAACACCTC	CCCCAAATG
316651	CTATGGATAT	AGCGAATGCG	AACTACTTAG	TGCTCTCTCG	TAGGAGCTAA
316701	CCACACAACC	GCCATACCAT	ATGTTTCTGC	TCGTGAACCA	ATAATGGCAG
316751	TAACAAC TAC	GCCGTACAAA	CCGAAAAACA	GGAACCTGAA	TAAACAGAAA
316801	CAC T TACAAA	CAAGCGATCT	CAAAATAACAT	CGCCACACAC	CTTCTGCAGA
316851	TGAGGCGTCA	CGAACTCACA	GGCGTTAGAT	CGAGAATATA	CATATAAACCT
316901	TCCACATCCG	CTACTGGAGT	ACACAAACAC	GCTACGAGTC	TCCCGCTTGG
316951	TTACAGATA	CACACCATGC	AACAATAGAT	CAGTCCATCG	CTGATGACGC
317001	TCCAGACAAA	ATCTCTCTCC	TCAACAGAAC	ATAACTCAAC	GAGATGCCGC
317051	ATGTACGCAT	CATCGCGTAC	AAGAGGCATA	TCTCATCCAC	GCTCACGCGT
317101	TACATACGAG	AAGCGGCTCT	CGTCAAAC TA	TAGACAGAAG	NACAGGGACA
317151	CCACTCAACA	TGCGAACATC	GCTXXXXXXX	XXXXXXXXXX	XXXXACTGTCG
317201	TTTTTTTCTCT	TTTCTTTGTT	TCTTTGTTTG	TGTTCTCTCTA	TGTTAGGCGGT
317251	GTTGGTCTPAG	AGGTGTGTCG	GGTTCGGCTT	TTCTTTGTTG	GGCTGTTT TTT
317301	GTTTTGCTTTT	TGTCGTTTTT	CTTTTTGTTT	CTCTTCTCTT	CGCCGCTGTTT
317351	TGTTTTTGT T	TGTTTTTTTCT	TTCTTCTTTT	GCCTCATTTT	TTGTTTTGTT
317401	TCTGTGTTCT	TGGTGT TTTT	TGTTGTGTCT	TTCTTTTATT	TTTTTTTCTT

317451	TTGTCTTTTT	GTGTTTTCTT	GTTTTTTTGT	ATTCTTGTTT	TCTTTTCGTT
317501	TTTTCTCTGT	TTGTTTTGCT	TTCTGTCTTT	CGTTTTTTTT	TTTTTTTGCT
317551	TTCTTTTTTT	TTCTTGCTGT	GTGGTGGTGT	CTTTCTGTTC	GCTGTGCTTC
317601	CTGTGACAG	GTGCGCATT	CTTTCTCCGA	TGCGCTGTGC	GTGGCGCCGT
317651	TGTGCGCCG	TGCGCGCTCG	TGGCGACACG	CGTCACCCCT	CTCGTCGGTC
317701	CCGCTCTGCT	GTGCGCGCTC	GTGGCGCCCT	CCCCCTCTCC	TCGTCCCCCT
317751	CTCCCCGTCC	CCCTCTCCCT	CTCTCCCTCT	CCCTCTCTCC	CTCTCCTAGA
317801	GAATATTTTG	ATTTAAATTT	TTATGTGTGT	GGGTATTTCC	TCTGCATACC
317851	TGTGCCACAT	GTGTATGTCAG	TGCCCTCAGA	GGCCAGAAGA	GGGCATACAC
317901	TCCCCTGGA	CCGGAGTGTC	TTGGTAGTTA	GCCACCACAT	AGGTAGGTGT
317951	GGGTTCCTAG	GAAGACCAGC	AAGTGCTCTT	AACTGCTAGC	CCATCTCAC
318001	AGCCCTAGGT	CATGTGTATT	GCTCCCCAGG	CTCGTAAGCT	ACTGTGCGAGT
318051	TTTATGAGTC	GCCTTTTCAA	GCCGCTGTAA	TGTGATGCAT	GGATCAGTTT
318101	TCAAGCTATA	TCCTTTTTTTT	TTTTTTTTTAG	GCAGGGTTTC	TCTTTGTAGC
318151	CCTGGCTGTC	TTGGAAATCA	TTTTGTCAAC	CAGGCTGGCC	TGCAACTCAG
318201	AAATCCACCT	GCCTCTGCCT	CCCGAGTGCT	GGGATTAAG	GCGTGCGCCA
318251	CCATGCCGCG	TGCGAGCTCT	ATCTTTGAGG	GAAGAAAGGG	GAATGCTCAG
318301	ATCCAGATCA	AACCAGATTT	CCTGGGCCCC	AGGCCACGCG	TTAGCTCACT
318351	TCGTGGAACC	CAGACTTAGG	AGACAAACAA	TGTCAAGCTG	TCCTCTGCGG
318401	GTTTTTTTGT	TTGTTTGTCT	TGTTTTGTCT	TTTTTCAATC	TCCTGGTTCT
318451	GTGAGATCTT	CTTGGTCTCT	GGAATCAATA	TCTCCAGTGC	TCGGAGGCT
318501	TCAGAAATGA	GTGAAAACAG	ACCCAAATGG	CAATAGTGAG	AGAGTTGGAA
318551	TGGCTGTATC	CATGGGGCCA	AAATAGTCAG	CTCAATAGAG	TATAATTTTA
318601	TTAGCCTTTGA	GGGTAACTTA	ACTGAGCTTA	TGAAAAGACA	GAAGGAATCA
318651	CTTTATGGTT	CACAGGGAAC	TAAACCGTGA	GGGCAAAATC	AGACACAAAT
318701	ATGGAAACGC	CTCTGTAAAA	CCTAGCACAT	TCGTCTTTGA	TTTTCTCATAT
318751	CACCTACTTA	TTTGGCCATC	TAAAATGCCC	ATGGAATTTA	ATGTGAATTG
318801	CTACATTTAG	CTTTCTACTG	AAAAATAAAA	AAGAAACTTT	TAAAACATTG
318851	AAAAATAGGA	GTATGACTAG	AGGCTATGCA	TAACATTTATG	CTTTTTTTCT
318901	TTTTTAAATG	CAAGTAAGT	AGGTACCGGG	TATGATGCTA	GACACTTGAGG
318951	GTTTTGAAGG	AAGACAGTTC	ATCCCCAGCT	TCAAAGAGCA	AAGTATTCAT
319001	ATAAGGACAA	GGAAGAGAAA	GTCTTAGAAA	GGCAGCCACT	TGTATCTCTC
319051	TGTATTAGAC	CTGTCCGGAT	GCAGGAAGCT	ACTTTCCCA	TCATGCTGAT
319101	CCAATGAAGA	GATCAGCCGT	GGGAGGAAGT	TTGGGACCAT	GCATGGCTTA
319151	CTTTGAAGGC	ATCATGTCTAT	TTCCCTGTGCC	AAGTTPCCAT	GACCCACAAA
319201	CTTCACCTTG	TTCCAAAGAG	CATGACTACT	AGGATATAGG	ATATGTCAGG
319251	AACCCACTTG	AGAGGTTGGC	CATCATAGGT	CTCTAGTGAC	AGGCAGAAGA
319301	AGTGAGTCGA	AAGAGAAAGT	ACTGCTTTTA	ATGAATAGTG	CATCCATCCA
319351	AGTCTTAATC	ATGGACTAAC	AGAAAACCAC	ACATCTGTGA	CCCCAGCAAC
319401	TCAGAGGCTG	TTTAGAAGGA	CTGTAGGTTT	AAGGAGAGAC	AACACAACAA
319451	ATAGATGTCG	AAATTTCTTAC	TACTAGATCC	CTAAATCTGG	ATCTTAGGTC
319501	ACTGTACTCT	TTAGAAGAGA	TACATTTGAT	CTAGAAGAGA	TGCATTTGAT
319551	CTAGAAGAGA	GATACGTTGT	ATCTAGAAGA	GATATGATGT	GTCTAGAAGA
319601	GACACATTTG	GCTTAGAAGA	GATACATAGT	GTCTAGAAGA	GATAACTTGG
319651	GGAAAGACAA	AGTAAGGGGA	AGTTCCCTCC	CTAGGCCCTT	GCCCTGACAGA
319701	TATAGATGCT	GAAAGAAATG	ACTATTTCTA	CCAGGCAACT	ACACAGAACA
319751	AAGCACTGTT	CTTAGGTAGG	GCATCCCTGC	CTGCTGACTA	CAAGACTCTG
319801	TCTCTGGCCA	ACCAGATCAC	CAACTTAATC	TCCTTTGTAAT	GGCGAGGAGG
319851	CAAGAATGAG	TTCAAAACTC	TTTTGTCTTG	TCCAGAAACC	GTTACCATCC
319901	TTGTCTTTCC	TACAAGGAAA	CTGAGCTATG	GAATAGTTAC	TGAAGTTGAG
319951	TGTAACCTGT	TTCTAAAAAG	CCATGAGGTA	GCATGCTAGG	CTTTGCTPAC
320001	AGGCATGGTG	GGCAGAACAG	GCTAGAGATG	TAATTACTGC	TGCATTTGTG
320051	ATGAGCTTCC	AGATGTATCT	TCTAGACATT	TTTTCCATGC	CATGGGCATT
320101	TGTGTTGTAA	AGGAGCTTTG	GGTCCACATT	CAAAAAAAC	AGAAGCCCAG
320151	GGAAATGAAA	GCCCAGTGA	CATGTGTCAC	TTGCGCTGCT	TTTGCAGAGG
320201	TGAGAAAGCA	CTCTTTCCCTA	AGGTTAATGG	CTGGAATAAG	AAATATAGGTG
320251	CTTCTTCCTT	CTCTCCTTCC	TTCCCTTCTT	CCCTCCTTCC	TTCCCTTCTT
320301	CCTCCCTTCC	TTCTTTTCTT	CTTCTTCTCT	TTCTTCTTCT	CTTCTCTGCT
320351	CTCTTTCTTC	CTTTTAATCC	CAGTTTGGTA	CTTTGTCTCT	TGTGATATTA
320401	GCAAGGGCTC	CCACGCATAG	GCTTTCTTTA	AGGTTGATTG	GAATATTGTT
320451	CTTCAACTGT	GTGAGAGGGG	AGAGAGTGTG	GTAGGAAGAG	CTTTGAGCAT
320501	AGAGCACTTC	CTCAAGCTCA	ATCCAGCACC	ATCTCAAACG	GGCTAGTGTG

320551	ATTACAGGCAT	ACACTCCTTG	GCTGTGCCTT	CTGGAAAATA	GGTATATAAC
320601	AACAGCTGCT	GACTTCTCCA	CATGGTTCCT	AAACGAAAAA	GGAGATACCTA
320651	GCTGTGAGTC	ATATATGTGG	GATCAAGGTG	TTAGGCAAGA	TAGGAAAAGCA
320701	GTCTTTGGAC	ACATAAATCT	ATAAGCAAGG	TCGACACCAA	GATGGGCCAGG
320751	ACCCCTGCCT	CTTACCTTGG	TCFCAAGAGT	GTATTAGCTC	TCTGCCCTTTG
320801	GATATTTCAT	TCCCTCCTCT	TCCTTCATGT	GACTTTGCTT	CCCTCTATTCT
320851	CCAGTGGGGC	TTGAGCCACT	CTCTGTCTATT	ACAAGGAGGA	GTGGCTCTTTT
320901	GAGAGCAGAA	AGCTGACAA	CCTAGTCATC	GTACTAGGAG	TTCTCTGGAGC
320951	TTTACCTGTT	GAATATGGAC	ACTGAGGCTG	CTTGGGTAAG	ACAGCTCCCA
321001	GCGGAGATT	ATCACAGAAA	ATGACCTCAG	TCCAGAGAGC	TTCCATGGGG
321051	CATTGTCTAT	GCTATGGCAT	GGCGAGCAGC	AGCTTTGGGA	AGGACGTTAA
321101	CAATTATCCAG	TGCTTTTTCAG	GCCTCAAGGTG	GGGAGTGAGG	CACGAGCCGAG
321151	GCTGCTATCT	CTCTGACTTT	GCAGAGAAGG	CTAAAGCTCT	GGAGGCTCAA
321201	CTGGGTCGCT	TAAGGCCACA	CAAGCTTAGG	CATGGGTAAAG	TTAACATTTTG
321251	AATCTGCATT	CTTTGAGGGT	TTCTGTCACT	TCATACCAAG	GGGTATCAAA
321301	CTTGTCACCT	TCTATTTTGT	AAAGGAGAGA	AAATACACAG	GGAGCCAGAA
321351	TAATTACACT	GTCTTAACCA	GAGGCTGAGA	TCACAAAGGC	CCTGTAGTTT
321401	TGCCCTTCAGG	CAAAAAGTGGG	GTCAAGCTGT	TGATTTTAAA	TGAAAAAAT
321451	GAATATTCTTA	CATTTCTCTT	GAGACGAGGT	ACAGAGGTTGC	TTTPTTAAACA
321501	ACATTTCTCT	TTCAAAACATG	CCCCGAGGAA	ATGCCCTTGC	CAGCCATCGA
321551	GGCTTATTAA	TGGTTAAAGG	GCAAGGGTCA	CATGTAGATA	GAGTGGCCCT
321601	AAAATAAAGT	TATGAAACCG	TATCAGTCTG	GCAAGGAGAA	ATGAAAGGAA
321651	ACACAGAATG	TTCTCAGATA	CATAGAAAGG	GTPTTTGTTT	ACAACCTTCTC
321701	TAAACAAAT	CTAAACCTTG	TGTACTTCTA	GGAAGCCGGG	CAGTTAGCGA
321751	CTACCCTGCT	GCTCGCAGCC	AGTGCGTAGC	ATCGTCAGAG	CATGACCTGA
321801	CTTGCTGAGCC	TGCTGCTCCT	GAGCAAAAC	GTGCTTTTCT	CATGTTCGATT
321851	CTTAATGTTT	CTGCTGGAAG	GTTGATGGTG	CTCTGAGCAC	TTTAGTTGGG
321901	AACATAGATT	TTATTGAGTG	CCTAGTCAGC	TGTGACCAAG	TTCAAAAGGC
321951	TACACATAGA	GTACCGTACC	AGCTCTGATA	GGGAAAAGCA	GGCAAGCCAT
322001	CTAAGAGTTA	TGGCTTCTCT	GTTAGGGTGA	GAACATAAAT	AAAAGTAGGC
322051	CAGGGTACCT	GGGAGAGTTC	AACAAAGGTT	ATCCAAGCCA	GTGTTGGAAG
322101	TTCAGCAAAA	TGTTCTCTGGC	TCAAGTGTTA	TCTAAAGCAA	GGCCCCAAAG
322151	ATGGGGAGCT	AGTGGGGTAT	GTCCTTAGGGT	TTTACTACTA	TGCACACCAT
322201	GACCAAGGCA	ACTCTTATAA	AGAACAACAT	TTAATTGGGG	CTGGCTTACA
322251	GGCTTAGAAG	TTTACGTCAT	TATCATCAAG	GTGGAACATG	CGAGCATCCG
322301	GGCAGGCATG	GTGTAGGAGG	AGCTTAGAGT	TCTACATCTT	CATCTGGAGG
322351	CTGCTAGCAG	AAGACTGACT	TCCAGGCAGC	TAGGATGAGG	GTCCTTAATGC
322401	CCATAACAC	AGTGACACAC	ACACTCCAAC	AAGCTTATAC	TTACTCCAAC
322451	AGGGCCACAC	CTTCTAATAG	TGCCACTCCC	TGGGTGGAGC	ATATACAAAC
322501	CATCACAGGG	TGTTTTCCTT	TCTTTTCTCT	CAGAGAAGAG	AATGTTATGGG
322551	AAGGGCCAGA	AGAGAATATG	TATGTCTGGG	AAGTTGAAAG	GGATTCTGTG
322601	TGGCTAGTGG	AGATGTTTGA	ATACTCAGGT	AGAGACTTGT	CTTATACACT
322651	GTGTTAGAGA	CTTAAGGATC	ATCAGAGATT	TAAGAACGAG	GATACGATGG
322701	TAACCTACAT	TTTAGAAAAG	TCATGATTCT	GGGCATGTGT	ATCCCCAGAAA
322751	CCCTGTCAGT	TGTGAGCATG	AGATACAGGA	TGGGAAGAAG	AAACAAAAGC
322801	TGAGGTGGTA	GCTGTGGTTC	ATACTCTAGA	CGGTCACTGGT	CATAGTCAGG
322851	TCATATTGCC	AGACATGAGA	AAGAAGAAAG	CGGTCTAAGA	GCCTCCCTTAA
322901	GAAGTTTATC	AGATCAACAA	GACTCTGTGT	TGATATPCAGT	ATGAGGTTTA
322951	TATAGGGAAG	TGGTCCAGGA	TGCACGCGGT	ACCCAGGTTT	CTGGGATGTT
323001	GATGAGATCA	GTATCTTAGT	TACTGAGCAC	TGCAGAAGAA	ACAGATATTT
323051	TTGAGGAAGT	TTAGGGAGTT	GTATATTAGC	TGTTCTCTTG	TTACTGTAAA
323101	AGAAAAAAT	TGCAATGAAA	GGAACCTAAG	GAAAAGTTCT	AAGGAGTAGA
323151	GTTCATAATG	GCAGAGAAGG	CATGCCAGCT	AGAGCAAGAT	GGTCACACTG
323201	TGTACACAGT	AAAGAAGTAA	GGGCTGGTTT	CTGTTCTCTA	GCCTTGTCTC
323251	TCTTTTTCGAA	TCATCCAGCC	CAGTGCTACT	CACAGCTCAAG	TGACATCATT
323301	CTTGCCACAG	TAAACCTTTC	TGGAAACACT	CTCCGACACA	TAAGCACAGA
323351	GGTATGCTTA	TATGGCGATT	CCAGCCAAGG	TGGCATTGAA	GCCTAACCAT
323401	CACAAATCCA	ATTTGGCAAA	TGATGCTGGA	AACATGTAGG	GTGACCAGAT
323451	GGAGTTCTTT	TCATAAGATT	GTATTGGCCA	TGGACCCAAA	CTTCTGGCCA
323501	TTCATGTGT	GTGATATAAA	CCATGGCCCA	ATTATACTCA	TAGGTGCTAC
323551	CAGAAATAAT	GTAGCAGTAT	GGGGAGAGGT	CTGTTTAGAG	ATATCTAGAT
323601	AGGAGGGTGA	CAGCCTTCTC	CTGCTGATAC	AAGGAGTTCAG	CCCTATGGAA



323651	AGCAGAGGTC	ACTGGGACTT	CAGACCTTGA	TCTATTTTGT	CTTCTCAGCC
323701	AGAAAACTCT	AAGAAAAATC	TTAAATAAGA	TTCCAACCTA	AGAAATCCCC
323751	AAC TAAGTGA	TAGCTTGGCA	TTCTATTTTT	CTACCTTATT	ATGATTATGG
323801	AAAGCAATAC	ATTTCAGTTT	TTAAAAAACA	TGAAAAATGA	TGTTTAAATGT
323851	GTATCTTATT	CTGGACCAGC	GATGAGAGGT	ATGATCCCTC	GCTGATGCTA
323901	TGCAGAGGCA	ACGACCCACA	ACTGCTAGTC	AGGCAAACTG	AGGGATGCCC
323951	CATGCTCCAC	ACTAGTGGTT	CTCCACCTGT	GAGTCGTGGC	CCCTTTGGGA
324001	AGTCAAAATA	CCCTTTCACA	GGGGTTACCT	AAGACCATTG	GAAATGTCAG
324051	ATATTTCAGT	TAGAACTCCG	AACAGTAGCA	AAATTCACGG	TATGAAGTAG
324101	CAATGAAAAT	AATTTTATGT	TTGGGGATCA	CCAGAACCAG	AGGAACCTGT
324151	TTAAGAGGTC	ACGTCATTAG	GCACCTCTGC	TCTACAGTGA	ACTGTGTTGC
324201	TAAACTGTGA	CACTCCATAG	GCCATGCTAG	TAGGAATATG	GAAGACATTG
324251	GTGCTAAGGG	TATTTTGAAC	TGTGCATACC	TGGCTCTAGA	GGTTTTCAGT
324301	AAGAAGAATT	TTAGTATGTG	TCCTAAGAGT	GTCTTGTGGG	TATCTTGGTG
324351	AAGAAAGTGG	CTTTGTTTTG	CCTTTGTTTG	AGGGGTCTAC	CTGAGACAAA
324401	GGTAAAGGTC	TTTATATTAA	TTGCATTGAC	AAAGGAAGTC	TCAAAGAAGC
324451	CCAGCAGAGA	CTTTGCTCTT	ATTCTATGGT	TTAGCCTCAT	GAAGAGCATT
324501	TTGATCAAGC	ATAGCAAGCT	TCAAAAAGGA	AAGTACAAAA	TGAAAAAGAA
324551	CAAAATGTAT	GGTTCAAAAG	ATAAAGGGGC	AGCAGGAAGT	AGAAATGGAGC
324601	TGAATCCTGC	ATTCAAGGAG	ATAAACAGAT	TAAGGGAGTG	TCGACCTCTT
324651	GGCAAGGCTC	CACACAGCTA	AGCTTATGT	TTATGCTGTT	CGAGTTGAAC
324701	AAGGGCACTG	CCTGATTATG	GTTTTCATTT	GGACTTTTAA	TCTGGAATGA
324751	ACTACAATCC	AGAAATGGAG	GAGACAGGCT	TTTGATCTGC	ACCTTGGAGG
324801	AATAGTGAAC	ATGGAAGGCT	TAGGGTACAG	GCCTTGAATC	CCAGGAGACA
324851	GAGGCAAGCA	GATCTCTGAG	TTCAAGATCA	GTCTCTAAAG	CAAGTTCCAA
324901	AATAGCCAA	CTTAGGTAGT	AAAGGAGCTG	GAAAAAGCAA	ACTTGGTGTG
324951	AATGTAAACAG	AACAAGGGGG	TCAGGTTCCA	TCCCAGCAGC	ACAACAGAGC
325001	TTGGCAGCTT	TGGCCATGTA	GCTCTGGCCT	TAGAGTCAAG	AATAGAAAGG
325051	ACTACTAGAA	CAATTTGATG	TTGTTGGCTG	GAGCTTAAGT	ATTAGCAGTG
325101	ATTAAGAAAG	GCACCAATC	AGGATCTGTA	GAAGTAACTT	TTGGGGGGAG
325151	CTAAGGAAAG	TGCTTTCCAG	GGGATAGCCA	AGGTGCTCTT	TGCTTCAGCT
325201	GGAGTCGGTA	AGAGTCACCC	AGGTGATACT	GGTTTTGAAG	GCATAAAGGG
325251	GTGCTGGAGA	GCAGCTGAGG	CATGTCAATG	TGAAAGGCCA	AGGAAGGCCA
325301	CTGGTGAAGA	GGCCACGAGC	TGAAGGGATC	ATGCAAGAA	GCTTGAGGCTT
325351	GGCACCATGA	AGGTAGTCTA	TGAGAGGCCA	TGGGTGAAGC	TTAGATGTCAG
325401	TGAAAAACCC	CATGTATTAG	AGATGCCAGT	ACCTATGAAT	GACATCAAAAG
325451	AACAGCAGCA	GTAGCGACAT	GGAGCCAACC	AGAGCCTAGA	GCTGTACAGA
325501	GGGCAGAGCT	AGGCACAGAG	GCCAACTCCT	TTGGAGGAGC	CCAAAAGATC
325551	ATGTGTGGAT	CCCAGACATT	GTAACAAGAA	GCTGTGAAGT	CAAAGTTGCC
325601	TTGGAGAGCC	CAAGGTGTTA	GAGACGTCAA	AGCCATGGGA	TTTCTGCTGA
325651	GGAAAGCGGC	TAAGTGGGAG	TGAAACCAGT	GCAGGAGGAA	GAAGTTTGTT
325701	GTAGTCAACA	AAGATGAGAG	GAGTTGGAGA	TTTCAAGAGC	ACTTTGACAT
325751	CAGATGTGGA	GATGAAGAAG	TTGGAGTTTA	CCAGCTGGT	CCAGGATTTT
325801	TTCACTGTGA	TGTTTIGGTA	TGGTAATGTA	TATCCCGTGA	TGTTTGAAGT
325851	TTGTCACTGT	TTTTTTGATT	TTGACTTTAT	AGGAGATTAC	AGCTAAGTGA
325901	TTGAATAAAT	CTCAAAAAG	ACTTTGAAC	TTGGACTTTG	AACATTGTTG
325951	AGACTGCTAT	AGACTAAGGG	GACTTTTGAA	ATTAGACTAA	ATATATTTTT
326001	GCTGTATTTA	TGTATTGCCC	CTGATATTAT	CATGCTTTTG	AATAAGCCTC
326051	TGGAGGCCAG	GGAGTGGAAT	GTGGTCGTTT	GAATACACTA	GGCTCAGGGG
326101	TAGCACTATT	AGTGAAGTGT	GGCCTTGTGT	AAGTAGGTGT	GGCCTTGTGT
326151	GAGGAAGTGT	GTCACGTGGG	AGGTGGGTTT	TGAGTCCCTC	CTCCCATTTG
326201	CATGGGGCAT	AGTCTTCTGT	TTGCCTTTGG	AACAAGGTGT	AGAAGCTTCA
326251	GCTCCCCCAG	TACCATGCCT	GCTTGACGCT	TGCCATCTTG	CCAGCCATGA
326301	TGATAATTGA	CTGAACCTCT	GAACCTGTAA	GCCAGCCACA	ATTAAATGTT
326351	TTTCAATAAG	GGTACCTTGG	TCATGGTGT	TCCTTACAGC	AATGGAGACT
326401	CTAAAACACC	CTAAAATAAA	CACACACACA	CACACACACA	CACACACACA
326451	CACACACACA	CAAAAACAAA	GCATAGAAAA	CATCTCATCC	TGGTAGCTGT
326501	AGTATCTCAC	AATGTGTCTC	ACAGTGTATT	CTTCTGTGCA	CACAGCTTCA
326551	CTCGCAAAAT	TTCACTGCAA	GGAGTCATTG	GTCTGGTTTG	AGCTTCTGTG
326601	ACACCATCAA	TATTGGATT	TCACCAGGAC	TCCCATTTGT	GCTCTGCATC
326651	ATGAAGATCC	TGCAGCTTTG	GAACAGTAGG	TCTTGTCTTT	TCAACAAATC
326701	CAACCATTG	CAGACGATAT	TGATTTTGGG	TGGGGCCAAC	TTAGAGCCCT

326751	GGATCTGGGC	CTGGGTGGCA	GCTGAGCTGG	TCAGCAAGCT	GGCTTTCCCT
326801	TATCTGCACC	ACCAGGGCAA	GCTCTCTAGC	ACTGCTCTGG	CTAGGCTAAC
326851	CATCAGTAGG	AGACAGGGTC	AACTCTCTGT	GTCTCATGCC	CTACGGCAGC
326901	TCACCGTAGG	CTTTGGCCAT	AGGGCCAGCT	CCACTGCATT	CCCCAGGTGA
326951	GGTGCAAGGC	CCACTCTCCT	GAATGCTATA	GCTTAGCAAGA	GGTCAGGGCT
327001	AGCTCTCTCA	CTCTTATGCC	CTTGGAGCCC	GCTCTCCTGG	CTACTGCAAA
327051	GGTTTCAGGT	CAGGGTCAGA	GAGGGCATCA	CCCCTGCACC	TAAGTCACGC
327101	TCCTGCAGAC	AAATGACAGA	GGCAGCTATC	CTGTGCTCTT	TACCTCAGGG
327151	CTGGGCTTACC	TGCTCTCCCC	CTGACCCCCA	CACAGGGCAG	CTCTACTGTG
327201	CTGTCCAGAT	GAGGTGCCCC	ACCTGCTGTG	CAGAGTGTGT	CAGCTGGGAC
327251	CCACACCACC	AGGCAAGGGA	GGGCCAGCTC	TCCCTTGATC	TGTGCCCTAG
327301	GGCTGGCTCA	CCTGAGGCCC	CTCTGATCGT	CAACTTGATG	GGATTTAGAA
327351	TCATATAGGA	GACAGACGAA	CTTCTGAGCA	TGTCATATAG	GGCATTTTCT
327401	GAGAGGTGTA	GTTCGAGTGA	GAACGTGGGC	AACACCATTC	CACAGGCTGC
327451	GTTCCCAGTC	TGAGGAAACA	GGAGAAAGAG	AAGGGAACGC	CACCATTTAC
327501	CTCTCTGCTT	CACATCTGTG	GCTACTGTCA	CCAATCTGCC	TGTACTTTGG
327551	CTGCCATGTC	TTCCCCACCA	TGGTGGACTG	GCCCTC AAA	ATGTAAGACA
327601	GGATGAAAAG	TATTTTCATCA	CAGAGATGAG	CAAAACAAGC	AAAACAGAAG
327651	CAAGCCGAAG	ACAGGAAAGA	GAAATCAGAA	AGAGAAAATG	GATGTAGCAAG
327701	ACAACAACAG	AGCGGGCGGG	GTGGGGGGAG	GAAACAGAAC	AGAAACATTT
327751	ACAGAAACAG	GAGCCTGGGA	GCTGAGCCAG	CCTCTTGTCG	TGTTGGGGCT
327801	CTCCCTCACC	CCTGTGGGCA	CACCCAGGGC	CATTGAAACT	TCCTGGAATC
327851	CTTTGATAGT	CAGTAATTTA	GTCCACACCT	CCCAGGATGG	AAGTTAGCCA
327901	GGTTATTTAT	TAGTCAAGAG	ATTTGGAAAC	ATTATTTATG	TTTTCTGAGC
327951	TTCCGATTTT	CCCCCTCTGAA	GATGGGAGTA	ATTAGGCACG	AATTTGTGAG
328001	AGTTAAAGCG	GTAATATGCTG	AAAGCCTTGA	ACTTTGTCTA	GATTTGAATGC
328051	GTATATCAGCA	AGTGGGAATG	ATTATTACTG	CTGGGTTTAG	TGCCCAGATA
328101	CAACAAAATAG	AGAGAGAAAA	TAGATAATCC	CTCTAATCAA	TTACTAAACA
328151	CATTTCTTAC	GGTGAGACTC	ATATTCGAGT	TTTTAAAGAT	TAGTTTTAAAT
328201	GTATGATATT	TTTTTTATATCA	GAATCTCCCA	ATTTTAAAGAT	TGTTTTGTAG
328251	TACTATAAAAT	CTCTCTGTCT	CTGTCTCTGT	CTCTCTGTCT	CTCTGTCTGT
328301	CTGTCTCTCT	CTCTCTCTCT	CTCACACACA	CACACACACA	CAGAGTAAAT
328351	AAATGTTTAA	AAAAATATTG	AAACAGAACA	ACACAAGGCG	CTCTGAATGT
328401	ATCATCTCCC	AGCTGTTCTA	GAAGAATCTC	TGGCAGCAGAT	ATTGTCTTTA
328451	TTTTTAAACC	CGTATCTTGT	TCATCTCCGG	TCCTCTCTGGT	ACTTCTCTTT
328501	TTTTAAAGCTC	TGGATTATAA	TAACATCAGT	TATCCGTGAT	CCTGAGGTTT
328551	GGTATCCTGT	CAAGTCTGTG	CCCTCGATCC	CAGTTCTCGA	GTCTTGGCCT
328601	AAGGGGTTAA	CCCTGTAGCA	GGAAACCAGT	CCACCTCTCC	TGCCGCCCTC
328651	CCCAGCTGCC	AGAGGGGCAG	CAGTCACTCC	CCCTAGAGCA	GGTGGGTGCT
328701	TGCGGAACGC	AGACCAGCTT	CTATAGCCAA	AGGGAACAGT	ATCTACCAGG
328751	GGATACTGTT	AAGAAACCAA	TCTACCAAGG	GAGGAAGAAC	ACATTTCCAA
328801	GACGGTCAGG	AATTAATTTCT	AGAAATATTTA	TTTTCTTTAG	TTCTTGGCAC
328851	TTCCGCCCTC	TCTTTCTTTC	TAAGGAAATG	CACAGGCTGC	TTTCCAGGGG
328901	ATGTCTGTCA	GTAGCAGCCC	TCCAGTTTCA	CAGACAGCCT	TTCTCTTTTG
328951	TTCTGCCGCA	AAAGCCACAG	GGAAGCCATT	CAAAAGGAGCT	CTGCCTCAGA
329001	GGAGAAGCTG	GTTTCCCTGA	AGTATCTCTG	CTCTGGGGCT	TCGGAGATTA
329051	ACCCAATCAA	AATTAACCAA	CTCATCTTAA	TATAAGGCAG	AAGCTGATGG
329101	GGCAGTCTAC	TTTTTCAGTCT	CAAAATCTAC	GGCCTTTTGT	GTGTACCCAT
329151	TTCACTGACC	TGCCTTGTGG	GGACTTTCTG	ATGGCACAA	CCAACGGCTG
329201	TGAATGTACC	CATGCTGATA	CTTTGAATGT	TAGAGATTTT	GTTCACCATTG
329251	GATTTTAAAG	ACTAAGTTTT	ACTTAAATGA	TTTTACATTA	AATATTAATT
329301	GATTCTCTGA	TTGATTGGGC	ACCCAGGCTT	GTATCTCTCT	TGTCTCTTTG
329351	TCTCACTCTA	CCGGCCCTAC	AGCAAGAAAC	TACTGAGAGG	CCAGCCTGTG
329401	CAAGCTGGCC	ACAGTGCTCC	CAGCTGCCTG	CCTTCTCTGA	CTCTTGTGCT
329451	CCTGTTCTG	TTCCCCCAGG	TCTTCCAGGA	AGCCTGACTG	ATCAGAATGT
329501	CAAGAGAGAG	ACAGGTGAGT	ACCCAAGTGG	GTACAGGGAC	AAGACACCTG
329551	TGCTTTGCTT	TTTGCCAGAG	GGGTCAATGA	TGCTACAGTA	GACTGGCTCT
329601	TGCCCTACTG	CTTTGAGTGA	ATTAGCATAA	CGAAGCTCTT	TTCTGGGAAG
329651	GGGACTCTTC	AGGACCTAAC	TTCCATGGAT	CCCCCTCAT	CAGCCTTTAG
329701	GGAAACAGAA	GGAACATTTT	GATCAAGGTT	TTTTCTTAGAA	AGGCTCTTAC
329751	TGGACTGTGT	ATTGGGAAATG	AAGCTGGTTT	TGTTTCTCTT	GATTAATCCG
329801	AGTGCCCTGT	TTCCAAAAGC	AAATGTGGCC	TTGGTCTCCT	CTAGGCACAG

329851	GCTGTGCTGT	GAAGGAGAGG	GCTTGAAGCT	GTCCCCAGGA	CCCACGCAGC
329901	CTTGTTTTCT	TCATCCTGTA	CGCTCTGCGG	AGTTCAGGTT	ACTCCCTTTT
329951	TTCCCTTTGTG	ATTTCTGCCC	AGTAGAACCA	GATCTTTTAA	GATTTCTTTA
330001	CAGTTCCTTG	AAAGCTGGAG	TGGAGAAGCC	AGCTGTGAAT	TATATAACAG
330051	CAAGGTCATT	TTTTAAAGCA	ACAGTGGCTT	CCTATATAGG	CAAGGGGTAT
330101	TTCCCAGCCA	GTTTCTAAGT	ATAAAGAAAA	GCCTATGAAT	TTTGTGAAGA
330151	AAAAATCAAG	AGATTCTATC	TACGGTCCCC	CCCCTACTGT	CCTCTCTCAC
330201	TACTTTGGTG	AGGAAAGAT	AAATTCCTAAG	ATGATGGTGG	GGGGGGGTGG
330251	TTGGGGGGGC	GTGTATGGGG	AGGGCGGGAT	GGGGATGGGG	AGTGTGGGTG
330301	CAAGTGGTTA	TGACAAGATG	ACCAAAACAA	CTACTAAAGC	AACCAAAAGC
330351	CTCCCAAAGC	CTTTTTGAAG	AAAGACGGGG	GTGGGGGTGG	GGATTTGTGT
330401	CTCTTTCTTC	AGGTGGACAG	AGAGCCATTA	TTCTTGTTC	AAGTCACAAT
330451	AAAAGCAGAG	AAGAGGGGGA	GAAAGCTGTC	TAAAGTATAT	CTTTGTTTTC
330501	ACTTAAGAGT	CAGGGAGCTT	TATAAATAGC	CAGCCTGGCT	TTTTCTTTCA
330551	GGGGAGCCCC	ACGCTTCAAT	TTAAGCTCTG	CAGAAGCCCT	AGCTGCTTTC
330601	CTTCTTTTGT	CTGTAGACTA	AACATCCCTC	CGAAGTGCAG	CCCCCTCTCT
330651	GGCATCACCC	AGGGGCCCTG	CTCCTTGACT	CTAGATAGTG	ATTTTTCAT
330701	GAAGGGCAAT	TTTGCCCTTCT	AAGAGGACAT	TCTGCACCAT	CTGGTGTGTG
330751	TGTGTGTGTG	TGTGTGTGTG	TCTGTCTGTG	CAGCCTGTCT	TGTGTCTGTG
330801	TCCTGTCTCC	AAAAGCAAA	ATGGATTGTC	AGAAGGAGCA	TAGCTTATGC
330851	AGTGAAGGAC	AGTGCTTGAA	GCACAGTCCC	CAGTATCCCT	TCAGCCCTGT
330901	CATCAGAGAC	CTGCTCTTCA	GCTTGCACCT	TCCAGGTAGT	TCAGGTTAGT
330951	CTTTTCTTCT	TTGTGTTTTT	CTGCCAGTAG	GAACATGCTG	CCAGCATGTT
331001	ATTAGAAGTA	GACTAGGGAT	GCTTACATAT	GACCCCCAAT	ACACAAATGG
331051	ATTGTTGAAA	ATGCATGTAG	TGCTGACCCCT	GAGAAACCTC	GGTCCACACC
331101	ATGCCAGGAA	ATCAGTGGA	AACCTCTCAG	TTTGGAGATT	GCTAAGAAATC
331151	AGGCTGCCTT	GCAGCAGGCT	TGGCTCTCTC	CCAACGGCTG	CTGTGAGAGA
331201	GTCAAAGCTG	CTGTAGGAAA	TGCCCTCTGG	CTGTGGTCAA	GGGTCCCCCG
331251	TGGAGTTGAC	TATGGGGACA	CACAGCAAGC	ACATCGTCTG	GACCTGGTGT
331301	TTTATAAATT	ATAGTCACAG	GGCCCTGTCT	TCCATTTAGC	AGCAAGCCAC
331351	CTGGCAACTG	TCCTGCCAGG	GAGGAAGCAG	TTATGCAGAG	GCCTGCAGCC
331401	CCAGTCAGCT	GACAGCCCGT	GGTATATGGA	GATGGGAGTG	CTCAGAGGCA
331451	CCTGGAATAA	GACCCGACAT	AGATGGCTGA	GCACGAGGTA	CCCCCTCAGA
331501	CCCATCCGTC	AGCAGCAGGC	CCTGCCAGAG	GATGGCCATAT	TGAACATTTC
331551	CAGGAATAGC	ACCAGGAGCC	TGTCAACTGC	TTTCTTGGA	ATACACTCAA
331601	TAAGGATGGC	TGTCCTCCAG	CCGGCAGAGC	AGAAACCGCT	GCCTGGACCA
331651	GAAATGGCAG	CTCCTGGAGG	CAGCCTTCCT	TAGGACCTTG	AGAATGGGGC
331701	ATCTGTTCTT	TTGGGCTGCT	TGTGGAACCT	CCATCAGTTG	CTGGAGTCAC
331751	TCAGGGTGGA	AAGGGACGTT	GAGATGGCCT	GCAGAGGCTC	CAGGTCACAG
331801	TTCCCTCAGA	CAGCTTGGTG	CCCTTCACAC	GCATAAAAAAT	ATCAACAGGC
331851	AGGAAGGTGA	CAGGTTAGAT	GACAAGCTCT	TGTCAGCAGT	GAGAATTTCAC
331901	ATCGCCTGGC	AGTGAACACC	TACACACCTT	CTCTTATAAA	TTTCACCCCT
331951	AAGGACACCC	AAAGGAGCTC	CAGAAAGGGG	GTTCCTTTCTT	TAAAGCCCCC
332001	ATCTTCCAGT	CATTCTGAGA	ATATATCAAA	TATATAGCAA	AAATGAAAGA
332051	AAAAGCTTAC	AATTTAATTG	ACTCACTCCT	ACTATATGCA	AATCAACCTT
332101	TTCTTTTCAG	GAGGCTGAT	GTGTCTGTTG	GCATTTGGCT	AACTTGGAA
332151	CTCCCTTGAC	CTTTGGTTCA	GGAAGGGCAG	ATGTGGTGTG	GTTGGACTCA
332201	AAGAGCTCCT	ACAGACCCAG	GCATGGGTGT	CCTGCATGAA	CAAGAGACCC
332251	CAAACTCTCT	GGAAATTTCA	GGAAATATTG	TTTCAATCCTA	TTTATTTTTC
332301	AATCCTATCT	TTTGAATTGT	GAGAGAATTA	TAAAGTTTAT	CATAGAGCAT
332351	TTTATCTTGA	AGGGCTACAA	GAAACATTTT	GATGCCCTACA	CAGAGCCAC
332401	ATGAGCTGGG	GATCAGAGTG	CCAGATACTG	AAATTAGACT	TGTTTTAGAT
332451	AAACAAAGAA	TTGCTTTTTG	ACGCATGTCC	CAAAATATTG	CCATTTAGTC
332501	CAAACTCAGA	TGAACCTGGC	ATGTGTTGTT	TTGTAAATC	TGGCCATCCA
332551	TTTGGGGAGG	AAGAGTGGGC	TACTTTATTA	GTTATGATGG	GAAACATAAA
332601	GAAAAAAGT	TAAAGAAAA	ACATTTACAG	CAATCAAGGA	GGAAGGAGAA
332651	GGGTATTGAG	AGAGAGGGAA	AAAGAGAGAG	AGACTGGAAA	GAAGCAGAGA
332701	CAGGCAGAGT	GAGAGAAATA	GAGCACTGAG	GAGAGAGAGA	TGGGGAGGAG
332751	AGTCTCTGTG	GAGGATATGA	AGGATCTGGG	AAATGATGTC	TGCACAGGGT
332801	GCCATCTCCC	TGGGATGTGC	TCATGGGTTG	GCTAGCCCCCT	GCTCCTGCAT
332851	CTTCTGATGT	ACTTGTCTGC	CAAAACCTCA	AGTGGCTGCC	AGAGAGACAT
332901	GAGTCTCCAA	GCTGCAACTG	CACCATTAT	ATCCATATTA	CCACAGATGG

332951	GGTTGTTC	CA	GATACTGACC	TCCTGAAATG	GAGTCTCTACA	AATCAGACCA
333001	GGCCTGAAATG	GCACCCCCGA	ACCCAATAAA	AAGTGAGTTC	CCCTACCACA	
333051	CGGAGACTCA	TAAGCAGAGC	CTCTCTCTGT	CTGAGCTGGT	CTCTGTTTTA	
333101	CCCAATAAGGA	AAGGGACTTT	GAGTGGCAGT	TCCTCTCTTA	GCCCTGATCT	
333151	GTATTTCTCT	ACTAAAGCCT	GCCTATTTCT	AAATCACTGG	AGTCGTTTCT	
333201	ACGGTGGCCC	CATTTAAGAG	TTCCAGATA	TTTGTCTGAG	TCATCTGCCTG	
333251	GGTGGAGCTT	CTCAAAGGAC	ATCTTGCTCC	TGTTCTGCAAG	CATAACAGAG	
333301	TATCCCTTAAT	AGGCTTAGGA	GTTAGTGCTT	GCCCTGGGA	CAGGTCTCAA	
333351	GATGGGCTGG	TTATTGGTTG	GGCATTCCCT	CAGTCTCTCC	TCCATTCCCC	
333401	ATGCCCTGTAT	TACATGTAAA	CAGGATTTCAT	TTTAGGTTGA	AAATTTTGTG	
333451	AGTGCGGTGA	TGTCCTATC	TCPCAAAGG	GGTTCCTGTG	TGGCTACAGA	
333501	AGGTGGCCTT	TTCCGGTTCC	ATATCACCAA	TGTTGTGAGT	CACAGCTAAA	
333551	GTACCCCTAC	ACTGCTTCTT	GGGCATATCC	CTCATCCAG	GTCTCTGTCT	
333601	TGTCCTAGAG	ATGCCCTGCA	CCTCCTCACT	CTGGTCAGTT	GCAGATTTCC	
333651	ATTCATTTTC	ATGGCCATCT	CTCCTGTCTT	TCCCCACACT	TGATCCTGAA	
333701	TCCCCATTC	CCTCCCTAT	ATCCCTCCCT	CCTAGTTTAC	TCCCCTCATC	
333751	TTCATCTTAT	GACTATTTTA	TACAGATACC	CACAGCCAAA	CAGTGGACAG	
333801	AGCTTGGGGA	CTCTTATGGA	AGAATAACAA	GGATTGCAGA	CTCTGAAGGG	
333851	GATAGGAATT	CCACAGGAAG	ACCAACCTGG	ACCTTGGGG	CTGTGAGAGT	
333901	CTGAGCCATC	AAACAAAGAA	CATAAACAGG	CTGGACCTAG	GTAGGCCCTCC	
333951	CCACAGTGA	ATACCAAGTG	TGCAGCTTGG	TCTTCATGTG	AGTCCAAACA	
334001	ACTGGAGAGG	GTGCTATCCC	AAAATCTGTT	GCCTATACAT	AGGTTATGTT	
334051	CTATTAGCTG	GGCTGCCTTT	TCTGGCTTCA	GTGAGAGAGG	AAGTGCCTAG	
334101	CCTTGCAGAG	ACTTGAAGTG	CCAGGGTAAG	GGGATAACCC	AGGGCATAAC	
334151	CATCTGCTCA	GAGAAGAAGG	GGAGGAGGGA	GGAGGAGGGA	GGGAAGGATT	
334201	TGCGGAGGCT	GTGGAGGGGC	AGTGAGTAGG	ATGTAAAGTG	AATAAGATAA	
334251	AAAAAAAAAA	AATTAATAAA	AAAAAATCCA	GATAAAAGCC	AGTGTGATCT	
334301	TTAAATTCCT	CTTGCCAAAT	AATACTCTTT	GACAGGATGA	GACCAATAT	
334351	TTTAGACCCA	ATCCAATAGC	AGAACAAGTG	ACCCCTCTCC	ACTCCCCCCC	
334401	CCCCATTCCT	ACATGGTGTG	GTCATTAGTA	GCTCTTCGGT	TTTCAAGGGA	
334451	TTGGAATCGG	AACAGTAAAA	TGGACTCCGT	TGCCACAATG	TCGTGGAATC	
334501	GTCTTTGTTG	TTGACGATGG	TTCAGAATCA	CTTTGCTAGC	TGCTTTGGCT	
334551	TCAGGGCTGT	CATCTTGAGG	AGCAGAAGCC	CTGGCATCCA	ACAGACGAGG	
334601	CTTCTTGAGT	TGCGAGCGCC	CTTCTCTTTT	ACCCACAGAT	GGAGGTCAGG	
334651	GTGGCCTAAC	CCCAGGGAAG	GCTTGGCAGC	TTTCTTGAGG	TGGAGATGAG	
334701	AACTGGGCCCT	TCTGACAAAA	AAACGCCCTGT	GCAGGCTGGG	CTTGCCAGCT	
334751	GCTGTGTCTC	GGGAAGAGGC	TGCTTTTGCT	TAACCCCTGC	CATCTGGGTT	
334801	GCAAATGTCC	TCCTCCCAGG	TCCC TGAGGA	CTACCTTTTA	AAGGAGATTG	
334851	CAGGACCTTC	AGTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC	
334901	TCTCTCTGTC	TGCTCTCTCC	TCCCCTCCCTC	CTCTCTTTCT	CCCTCCCTCTC	
334951	TTTCCCTTCC	TCCCTCCCTCC	CTTCTCTCTC	CTCCCCTCCC	ATCCCATGCT	
335001	CCCCACATG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGAGAG	
335051	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGGA	GAGAGAGTCT	
335101	ACACTTTTAC	TAAGTATAAT	TTCTCTCGTA	CCATCCACTC	TTTCTTTTGT	
335151	TTTAGAGACA	GAATCTTTTC	TGGTCTGGAA	CTGGACAAGA	AGGCTAAGCG	
335201	AGTTGGCTTAA	CAAGCCTAGG	GTAGTGCTTG	TTTCTGCTCC	CCAGCCCTGC	
335251	GATTACAAC	ATTTGCCATC	ATGTCCAGCT	CTTTAAAAAG	TAGATTCTGA	
335301	CATCAAAC	TGGTCTCTTA	TGCTTGCAAG	GCAAGCAATT	TGTCATCTGA	
335351	GCTGGCTGTT	TAATCCCCAC	CTTTTCTTCC	TTTGTCTTCT	AGCCATGGGA	
335401	TGAATAGTTT	GCTCTGCTAT	CCACACACCT	CCAAGGCAAA	CCGAAACCA	
335451	GATCGGGGGC	CTAACAGCCA	TGGGTCTCTC	TGATAATGGG	TGTAAACTAT	
335501	GAGCCATACC	AAACCTCTTC	ATTTTATGAG	TCATTTGTGA	CTCGACAGA	
335551	ACTATGTCTAT	GTTAGCCAG	GAAGCAGGCC	CTTCTCTCAA	TCCCAGGGGA	
335601	GAGCAGAAGA	GACACTGTGG	GAAGCCACAT	GTGCCATTGC	AGGGTGGTGC	
335651	TGGCTACCGT	TGGCCATCAT	GCATACATAG	GCAGTAAAGT	TTTTTGCCAA	
335701	GATGAGGTTT	TGAGAATTAA	CCAATCGGAT	GAGAGAGAAG	TTAAACCAATC	
335751	AGATGAGAGA	GAAGTTACCA	ATCAGATGTA	GGCATGCAAA	TGAGGTGGTA	
335801	AGCATAACCC	ATGCATAGCA	CCAGTTCTGG	CTTGGGTCCT	CTTGTCTTCT	
335851	GCAATCAAGC	TCTCCCAATA	AATGTGTGCA	GAAGGATCCT	GTTGACAGAT	
335901	CGTTCTTGCT	GGCGAGTCAG	GGCGAGTGTA	AGAAGACACA	TAAACATTTT	
335951	CACATGCAA	ACACCTTACT	TCAGACACTG	AGGACTCTCA	GATCAGTTAC	
336001	ATACAACACT	ATTAGGAAAC	AGCCAACATT	TACTGAGAAA	CCCCCTAGCC	

336051	CGGGCACAAA	CAGTTCCECA	ATCAGTCTTT	AACACTTCCT	ACAGAGGGTG
336101	GATAGTGTCA	CTATTGCTA	GCACTATTAA	GAATTATAGC	AACATTAGTA
336151	TTATTAGAGA	TACTAACCCT	CACATAATTT	CAGGGACGCA	GAGTAATGAT
336201	TTAAGACATT	AAGCCGTG	CTGTTAAGTC	AGTTGATAAG	CGAATGTGAC
336251	AGTTGAGATT	CATTTCCAGC	CTTCCCTG	TCCAGACACC	TTCTGTGCCC
336301	TTTGTGCTAC	AGTGCAGGTC	CCAAAGCCCA	CGGCACCTGC	TCACCCACGA
336351	CAGGGTCCCT	GGAGAGTGAC	TTCACTCCCC	TGTGTCCTTT	CACCATGTGT
336401	AGAGAGTGGG	TAGGAGCAGT	GTCTCGATCA	GAGTCGTATA	GGATCAGTGA
336451	GTTTTATTAT	GGGAGACTTA	TCATCATTAC	CAGTGTATTG	ATTTTACCTA
336501	TGCTCAAAGGA	GTGACTGGG	CATGGCAGCT	GTCAGCGTTG	TCTGGAGGAT
336551	ACAGAGGACG	AAGAGTCTTC	CCTTCTCTTC	ATCCCTTCTA	TCCCTAGTAA
336601	GTCGTATTAT	GGCTCTGAGG	TAGACCCCTC	AAGACGGTCA	CCTCTAGATC
336651	AGCAGGGCTG	TATATGGAGC	CCAGATCATG	GGAGAATATG	TCTTCTCTTT
336701	GTGTCATCG	AGGTTCCTCC	CACGTAAATG	TGTCCTACAA	TAATAATAAC
336751	AAACAACACCT	ACAGTTGATA	GCATCTCCTA	AGGAAGGCAT	CCTGGGTCAA
336801	GCCTCTGCTCT	GCTGCTTTCC	ATATTTTG	TTATCTGATC	CTCGAGCAAT
336851	CTCAAGAGGT	AGCTAATGCA	ATCATCCTTA	CAGACAGTGA	AGGAACTCAG
336901	GCACAGGGGC	GCAAAATTAC	TTGTTCAAGG	GCCAAAGGTG	GCTTTGCTGA
336951	AGTTTCAGAAC	ACAAACAGTG	CACAACATGG	GTTTGTGTAG	AAGTTAGGTC
337001	CAGTTCTTCC	TCCCAGGCCC	AAGCTCCCG	AACTAAGACT	CAGATTCAAA
337051	ATATATTATC	AGATATCTTG	GCCATATAGC	CAGATTTCTAT	GCCATATAG
337101	GCCATAACTA	AAATAAACCA	ATTTATTTAA	CCTATCTTCC	GCACATTTGCT
337151	TATTTACCTGT	GCTCTATCCC	AAAATTCTCT	CTGCCTCCCG	GATCTCCCAC
337201	CTCCTATTTT	CTGCTTAAGC	CATGGGCCAT	AGGCTTTTAA	ATTGACAGGT
337251	GATGCATCCA	TACAACATAC	AAGATATTCT	CTCTTCATAT	TTGTATATTCT
337301	TGCTCTGTAG	CTGGATACTC	TGTGTTCATT	TTCACATCTC	TGTGGTTTCT
337351	GTGTGGGTCA	TTGCCTGGGC	AGTATTCGTA	TATACCTCCA	CTCATGACCA
337401	AGGTGCTAGT	ACCTCATFAA	ATGTATCAAG	TACTTTCTGT	GAAAGAATTA
337451	TCCAGGAGAC	TGAATTTCTC	CAAGCTTATT	CTCTATGTCT	GCTTATTGGT
337501	AATGAATACT	AGTCTGGGTC	TGTAGGTGAG	ATAACATG	TGCAGTAACA
337551	GATACACCCC	CAGAGTTAAG	TGTTCTACCA	CAGTGAAGAT	TTCTATCCAGT
337601	AGAAACCACA	GGGAACCTCC	TTCACAGGTAC	CCAGGGGTCC	TGGATGTTCCT
337651	CACCTTGTGC	CTCATCACCA	CGTTTCCATG	GCTACAGTCA	AATGAGATGA
337701	GCAAAGTGGG	GAGGATGCTC	CTACTAACTT	CCCTGGCCTA	CGTTATATAC
337751	ACCTTCAATT	TCCCTCAGTCC	ACTGACCAGC	AGAGTGGTGA	GACCCCAACC
337801	AAAGCAGGTA	AGAAAATGAG	GGAAACAAATC	ATAGCCCCAG	TGTAAAAGAG
337851	AAATGTTAGA	AACGTTGTTA	ACCCAGTGAA	AGACCCCTTT	TCTGGTTAAT
337901	TATGGCTATT	TATCTATTTG	ATCAAGGCAT	GGTTAATCTA	TCCTCATTTCA
337951	GGAAATATTT	TCCTAATGTT	TCTGCTCCCA	CAGGCATCCT	CCTCCCGGCC
338001	CCGCCCCCCC	CCCACCCCGG	GGATATTAGT	GACTAAAAACA	GGAAAAACCC
338051	ACCATTTCAT	GGAGTGGCAT	TCTGTTAACA	AGTAGGGAAG	AAGTATAAAT
338101	ACCATAGAAA	GAACAAGGA	CAAGATGGAT	TGTGAGCTGA	TAGGTAATAAT
338151	GGTAGAAAAA	AAAAACAGTGA	AAGGGAATCA	GTATGTATGT	GAGTCTGTGT
338201	GTGTAACGTG	ATGTTTGTCAT	CTGTGTGAGT	GAATATGTGA	ATGTGTAAAT
338251	GTGAGTGCAA	ACGGTTGTGA	GTGTGAATAA	AAGGAGTATT	ACTGTGTAAA
338301	TGTGTCAAGG	TGTAGTGT	GTGCAAGCAT	GTGGAAGTGT	GTTATTCTGT
338351	GGTATGTGCA	CAAGTGTGTA	AGACTGTATA	AGTGTGTATA	AGTATGTCTG
338401	ATATGCATAT	AAAAGTATGT	ATATATAATA	TTGTGATAAG	AGTGTGTAAAG
338451	CCTGTAAAAG	TATGTATGTC	TGTGCATGTA	TGTGTGTGTT	ACTCTGTGTA
338501	CTCATGAGTG	TAAAAATGTA	TAAAGTATCG	TGAATGTGTG	CATGCATGTT
338551	TATTGTATAA	GTTTGTGTAT	GTTTGTAAAG	GTATGTGAAT	GTGTAAACAG
338601	TGTATTGTGA	TGTGCGTGTA	ATATTCAAGT	GTATGTGTGT	AAGTGTCAAT
338651	GTGAATGTGT	ATAGAAGTGC	ATAAGTATTT	TGTGTGTAGT	ATATGTATGT
338701	AAATGCATGT	TTATGTGTGT	GTTGGTACAT	GTATCTAAAT	GTGTGTGAAT
338751	GTGTAAAGCA	CTGTAAGTCT	GTGTGTGTGT	GTGTGAGTTG	TGTGTGAATT
338801	GTGTGTGTAT	ATGAGTTGTC	TGTGTATGTA	TGTGTATGTA	TGTGTGTGTG
338851	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	AAGCAGTTT	AAACAGGATG
338901	GCTAGAGCAG	GCCTTCTG	GAAAGTATTA	TTGAATAAAG	CCCCAAAGAA
338951	TACAAGAACA	CAGCAGAGCT	GGGAAAAACA	CCATCTGTGA	GGAGTGTGGA
339001	GGTCTTGGGG	CAGCATAGCA	TCTCCCATAT	TGAGGACATT	AGAGAGACTT
339051	CAGAGCAAAG	TAGTCAGGGC	CACAGTTGGG	AGGATGATGG	GGCCCTGTAA
339101	GAACCTCTGC	CTTCCCATCC	TAGTCTCACT	CTTAGGAGAC	TGGAACCTG

339151	AAGTTCTAGA	AGGATCCGGG	GTCTGCAGTC	TACATGCCTA	TGTGTCCCTC
339201	AAAGTCACAT	GTCTGACACCT	ATCCTAGTCT	GCCAGTATAT	ATCTGACATGA
339251	GTCCCTCATCA	ACTTGTCTTC	ACTAAATATT	CAITGAATGT	GGTAAGTCCT
339301	TTGGGACATG	ATAGCTCAAA	GAGTAGAGCC	ATTCTGAGCA	GAAGCAGTGC
339351	CATAGAAGAA	ATCCCCAGAGA	GGTTGGTGA	ACGGTTCAGT	GGCTGAGAGT
339401	ACTTACTGTT	CTCGTAGAGG	ACCTGAGTTC	AGCATCCACA	TCAGACATCT
339451	AGTACCCAG	ATACCCCTGA	CCTCCTGGGG	TATAGACACA	ACTCAAAATA
339501	AGAAAATAAA	ATCTTTAAAA	AAGGGGGGGG	GGAGAAACAG	AGGAAGGAAAG
339551	GAAGAAAAG	AGGAAGGGAG	GAAGGGGAGG	AAGCAAGGAG	GGAGGGAGGA
339601	AGGGAGGGAG	GGAGGGAGGG	AGGGAGGGAG	GGAGGGAGGG	TGGGTTCCAG
339651	AGAGCACATT	GGCCCTTCTA	CCAGGTGAGG	ATGAAGAGGG	AACAAACCATC
339701	TATGGCTAGA	AAGAGAGCAG	TCTCCAGACA	TAGGTTCTTC	CTTGACCTTG
339751	GCCTTTCCAG	CCTTCAGACC	TGTGAGTGTT	TGGTGTTTAA	CCCACCAAGG
339801	GAGGGAGTTC	TGTTACAGAG	GGAGAGAGAC	ATTCAGGTGAC	ACTGACTCGG
339851	GGACCCCAT	ACTCTGGGAT	ACAAGCTCCA	TCTTTTCAAT	GAGATTCTCT
339901	TGTTCTTAGT	CTGGGTCTC	AACCCAGGG	CCTTGACAGT	GCTAAGCAAG
339951	TGCCATGCCT	CTCAGGTCTC	CCTCCAGTTC	CTGCTTCATC	TTAGGCCCTTC
340001	CGCCTTCCCT	ACAAGAACCT	GCTCTAATTC	CTGTGCATCC	TAGCTACATA
340051	ATTTGCAAGG	CCGAAAAGCAA	AACCCAGGG	TTGGCATTGG	AGCTGTCCCTT
340101	GCTCAAAACT	CAGAGCAGAA	ATGAGCATTT	ACTAACTGTT	AAAGCAGTGC
340151	ATGTGCACAT	ATTTTACTAT	TAAAAGTTAA	ATGAATAATA	ATAATTAGATC
340201	ACTACAATA	TTTTGAATGG	AAAAGAAATA	GTCTGAGGTC	ATAATTTTGT
340251	GTAAATAAGCA	ATACTTTTAC	ATTGTTGTGT	TGATGTGAGA	GGTCATATGA
340301	TGTTTTTTGG	GCTTGTTTTC	TTGCTTATTC	ATTCAAATGG	TCGTTTTGTGC
340351	TTTTAGCAAA	TGAATTTTCA	AGTGATGTTA	TTGAAAACAA	TGCCAATTGC
340401	TTTTGGCAAA	GGGAAAATCA	CGTACTTTGA	GATACATTTA	ACTTTGATAA
340451	TAAAATCCAA	CGCAGTTGTT	GCTGGAACAG	GTATTATGAT	CACATAGGTT
340501	GATGATGTTG	GTGTTGATTT	TTGGAAAATT	ATTTGAAATA	TGACTTTTAG
340551	TAAATCTAGA	GGTGATGACA	CTGATGAAC	TATGTTCTGA	AAGATTTATT
340601	TCCTCTTACA	ATTTCACTTC	AAATATTTTG	TATGAATTA	CAGAGTTTTC
340651	TGATAGATT	TAAAGCTGT	GTGACTTGA	GGGGGGGGTC	TTTGTATGTT
340701	TCATACAAC	TCGGGTGTCT	TTTTATATAC	TCAGTGGCCA	TATCTTCAGG
340751	CATAAGGAAA	ATCAACTTGT	AGGTGATTTT	AGTTGATAAC	TTCACTTCTC
340801	TTTGAACAC	TACATTGAGT	TATTTTCTGT	TTGTCAAACA	GAACCTACCTT
340851	CACATTTGAA	TTCTATTTCT	AAGCCGGTAG	AAATATGGTT	TGTAATTTGTG
340901	CACAGTTTTC	AAAACAGAG	GTTCCTCAAC	TTTGAATAAA	CTGTAGGTAA
340951	TCTCACGACG	CAGCTCTGAC	TATTCGTAGA	CTTATGATCC	TCCTGCCTCA
341001	GCTCAGCGAG	TCCTGGGGTT	ATTATTACAA	CACCCCTAAT	GTCCATTACT
341051	GGAAATGTTCT	TCTGTGCAC	CTTAAAGTTG	TTTAAATAAT	TATTAACAA
341101	CTTTCTACCT	GAGCATCAGC	TATCACTGCC	CTAGTGTGTA	CTGGAGAGGT
341151	AGCATTTGTC	CAGACGCCAA	AGGGAAAGTC	GTGGGATGTT	CTGCAGAGCT
341201	GTGTCCACCA	CATGCCTCAG	GCTGCTCTGG	GAGAATCTCC	TCCTCTCTCC
341251	CACAGCTGTT	CCCGCTGACC	CTGCAACTGC	TCCTCTCGTT	GCTACACATC
341301	ACCTCAGCCC	CATGCCTCCC	CTTGCTAATC	TTTCAGGTCC	CCAGTGCCTGG
341351	GGCTTACATT	TGGGTACTAA	GTCTAGAGTC	AGCTATCATC	CACCTGGCCAC
341401	TGGTATACCT	ACAAGCTGAG	CTTGCTTGTG	GATGGTAGCT	TTCCATTGCT
341451	ATAAAGGAT	GTCTGTGGTG	GTAAATTTAT	CAAGAGAGGA	GATTTGGAGT
341501	TTCTTCTCA	TGGCTGGTTG	CCACCATTA	TTTGGACAG	ACAGAGGTA
341551	ATAGTGAAC	CATGTGCCAG	GAGTAAATAT	ATTCTAGCAT	ATGTATCCAC
341601	AGAAGACCGT	TTATTACAGT	CAAAGTAAGT	TAATGTAAAC	AACCTCTCAT
341651	TGTATGTGTA	TGTGACAAGA	ATCCATTAGA	CTGCTCTCTT	AAACGATTTC
341701	TAGGGTAGAC	TCCAATATCA	TCCACTACAG	TCCTCCACAT	GGCTCACCAG
341751	GCTCATTTAC	CCCCAAACAG	GGCTCATTC	CCCCATAACA	GTGCAGTGTC
341801	ATACAGATTG	GCCAGTCTCT	CCTCATCCTC	CTATTCCCTT	GTTCCTCTGC
341851	CTCACTATCT	TGTGTTTCTC	CCTTGCTGTT	TTTGTAATAA	AGTTTATTATG
341901	AAACATCAT	GTTCGCTTGT	TGCATCTGTT	CTGCTGGGG	CTGCTGTGTG
341951	TCACAGCAGT	AGGGCTGAAC	AGCGCAATGA	GGAAATGTTG	GCTCACAAACA
342001	CTTGCTGTGT	GGGACTTTAC	ATAACAGGTT	CACCTGACAT	TCTACTAGAC
342051	TATAAACCCC	ACAAAGGCGG	GGATCACATC	TGCTAGTCC	ACACTTGTGT
342101	TCTCTTCTCT	AGGCCTAGTG	CCTACAAGGC	ATGTAGAGTG	TGCTCAGTCA
342151	AGCTTTGTTG	AAGAAAAACA	AAAAAGGAAC	ATTAAGTTGT	GTAACCAAC
342201	TAAATTTTTT	GAAGTAATTT	ATTTTCTTAA	AAGAGTCACA	TAAACCTTCT

342251	GTTTGACTAC	ACTTTAAAA	GTCTGTATAA	GAAGGATGCT	ATCTACTGCG
342301	AAACTGCATC	TAGGAAAGTG	GCAGGAGTTT	GTCTTTTGGC	TTTCAACAAGTC
342351	CTCTGGCACA	TTGGCCCTGC	ACCACTCTGA	AGAGTGGGCA	TTGAACACAT
342401	AAAAATCACAC	CACCTCAATAT	TTACTGAGCA	GACTGGGGCC	AGGGGTAAAGA
342451	ACAAGGTAAAC	AATGGTTC	CCATGACTAG	CCCATCAGCA	CAACACAGGGA
342501	TGGAAAGCCA	CAGGGAACA	GACTCAGGGC	CTGTAACGTT	TCTGTAAGTA
342551	GATCCAGAAC	TATCTGAGAA	AAGGTATCAA	GTGCAAGGGA	ATGTTCTCTGG
342601	AGGGAGTGCT	TGTGGGTGTT	AGAGCCTGGA	CATACTCTTC	GTGGCTATAG
342651	AGGGAGAAAA	AGACTTCAGC	CCAGACCCTG	TCTGGACTCA	AGTCCAAGAT
342701	GAGGGCTTGA	AAGCTTGTGT	TCTGTAAAAG	GGGTGTTTAT	AGCCCTGCTT
342751	TACAGAATT	TTATTATGGA	GAGCTGATAA	GACCTGAAGA	ATGGATTAAAG
342801	AGGCTAGCAA	AGGATTAGGA	GGAAATTAAG	AATAACAATG	GTGTGATCCA
342851	AGGCACAAAT	ACTTAACACT	TGGGAAAGAA	CGGATTTGGG	AGAGATTACG
342901	AATCATCTGT	AGACCATGGT	GTTAGGAACT	CTCCAATTGT	GAAAAGTGTG
342951	ATAGCCGGAC	ACTTTGAACAG	GC'TGGGTGGG	GCTGGGCCGT	GTTTTCAGCA
343001	CAAAAATGCA	TACGTTTACA	AAGGTAGGCA	AGAAAATCAT	TCCAACAGT
343051	AACATAGTCA	GGTCTTATGG	TGAAGTGGAA	CCCTATTCTG	GTCACCTGAA
343101	TAGGGACCAG	ACTTGGGTTT	CCGTCAATTT	GGATGCATTC	TTTTGGGAT
343151	AGCTGGTGCA	TGGGGACCAA	CAGCAACACC	TGAGGCAGAG	TGGTAAAGGCC
343201	ACCATTCTCTA	GATGTTGCTG	AGCATCCAGT	AGGTTTCTAT	GCTGGTCTGG
343251	TGAAGTCACT	GAGAGATGGG	GTTTTCAGGG	AGCTTAGGCAT	GAAACATTAAG
343301	ATGAAGACTT	CAGGCTGAGG	AAGCCTTGGG	AAGATCTTAT	ACATTTCAATG
343351	TGAGTTTATT	TGTTATATGA	GATCAACAAT	CTGCAAGGAT	TTTTAAGGCA
343401	AAGAAGCCAG	AGATTATTTA	TGACCAATTT	TCTCAACAAG	CTCTGGAAAG
343451	CCAAATTCACA	GAATCACTGA	TGTTATTTT	TTATTTGCTGT	CTTTTATGGG
343501	GACCTTTACTC	ATTTCCTAGA	GGAACAACCTG	TAGAGGAACA	ATTGGCATGA
343551	AAGAGGGTTG	CTTGTGGTGA	GGTTGGTGTT	TCTTGCCCTGC	CTTGAGAGTT
343601	CTATTGCTGA	GGAACAACAA	CAACATCCCA	ACCCCTCCAT	CTCGCATCT
343651	TTCCAGAACC	TTCCATGGAC	ATCACATGTT	GTAGATTTCG	AGGGGGCTGG
343701	AGCTTGAAC	ACATATTTCCA	GGGATGAGTT	GATACAGCTC	AGTTGTGGAA
343751	TTCTCTTTTGT	TAAGAGAGAGA	GAGAGGGAGA	GAGGAGAGAGA	GAGTGGAGAGA
343801	GAGAGGGAGA	GAGGAGAGAGA	GAGGAGAGAGA	GAGAGGGAGA	GAGGAGAGAGA
343851	GAGGGAGAGG	GAGAGGGAAA	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAGA
343901	GAGAGAGAGA	GAGAGAGAGA	GAGAGATCTT	GTTTGCTTTT	TTGTTTCTCT
343951	GGGTTTTTTG	TTGTTTGTGT	TGTTTTTTTAA	GCTGATACCT	AGAAAACATCT
344001	TCTGATGGAG	CAGAAGGCTA	AGGGACTCAC	TGATACTGCT	CTTCAAGTCT
344051	CTGCTGAGGA	CAACACAGGAC	ATCTCTCTGC	TGCTCTACCC	AAGAGAGAAC
344101	GTTFATATAT	TTCTTTATTT	AACCATTA	GAAGTGCCCT	AACACTTAAAT
344151	GAGTCTCTTT	CTTATATGTA	TTTAAATTTAA	AAGTAATGAA	GTTGACTTTA
344201	GTAATAGAGA	GAGGTATCCC	ATATCCTGTT	CTCTGACAGT	TTTACATAT
344251	GACATAAAGT	GCATTTTAAA	AAATGATTTA	GTTTTACTTT	ATATGCAATG
344301	GTGCTTTGCC	TACGTGTATG	TCTGTGTGAG	TGAGTGCATC	AGATCCTCTG
344351	AATCTGGAGC	TACAGACAGT	TGTGAGCTGC	CATGTTGGTG	CTGGAATTTG
344401	AACCCAGGTC	CTCTGGGAGA	GCAGTCAATG	CTCTCAACTA	CTTACTCATC
344451	TCTCTAGCCT	CTGTAATGGT	CTTCTGACAA	CCCTGGGGCT	CCATGCGAC
344501	CCACTGGATT	GGAAATGCTGA	CTCCAGCTCC	TGGCATCTGT	GCTGATCTGGC
344551	AAGCTTCTCTA	TATTTTATAG	GCTTCCATTT	TCTCATCTGA	GAGATGAAGA
344601	TAAATAATAGT	ATCTATTAA	AGATTAAATG	AGAACATCTG	CGGAGTGGCT
344651	AGCTCAGTGC	CTGGCATCCA	CTGCGCCAGC	TGTAACCTGTT	AGGATTATTT
344701	ATTACTGAAA	TCAGGGAGCT	GGAGGTTTGA	GAGATGGCAC	AGCAGCTPAGG
344751	AGCACATGCT	GCTCTCAAG	ACCTGCATTT	GACTCTTAGC	ACCCACGTTG
344801	TGGCTCACGA	CCATCTGTAA	CTCCAATTTT	AGGTGATCTA	ATGGCCCTCT
344851	CTGACCTCCT	TGGGCACTGC	ATGCAATGTT	CATGCTTACA	TTGATATAGG
344901	CAAAACACTC	AAACACATAA	AGTTAAACA	ATCTAAATG	AGGGAGTTTG
344951	GGGATGCTAT	TTGGGTGGGA	GATCCTAGTG	TTGTGGCGAA	GCCCTCCTT
345001	TGCACCTGGA	AGAAAGTTCT	GGAGACAGTT	GGGATGTTTA	CTCAGCAATG
345051	TGAATAGACT	TAACTTGACT	CAAAGGTGGT	TTAAAAATGCT	AAGCTGTATG
345101	TCTTGCATAT	ATTATAAGAT	GAGTTAATAG	ATTAAAAATG	AAGTTATTTT
345151	TAAAGGAAAA	AGAAATCTCT	AAGAGATTTT	TATTTCTCAT	GAAAGTTCAGC
345201	CTTGCTAAGA	CTTTTGTGAA	TTGCTTTGGG	GTGTCAATCAT	TTAGACTGTA
345251	AATGAAGGTC	CTTCAAGGTC	CACGTTGATA	CAGTTGGGTT	GTCAGTCTGT
345301	GGTACCAGTG	GGAGGGGGCA	GACAGTTTGG	GAAGAGAGGC	CGGGTGGAAAG

345351	GAAGGAGGTA	AGCCACTGGG	TAGGGAGTGT	GTCTTTTAA	GGGATTTTGA
345401	GACCCCTGCCT	TTCCCCTTCCT	CTCATTCCTT	ACCCACCTGT	GAGTGAGTAC
345451	CTCCCTCCAGC	CTGTGGTTCGT	GTAATGATGC	GCTCCTGCAC	AGTGAATAGCA
345501	TGAGGCAAGC	CCCCCAATG	CTCTGAAACG	AAGATCCAAA	TATAACCTTT
345551	CTTCCTTGTA	AATGTGTTGA	CTCGGCATT	TTCTTATGAC	AGTAGAAAGC
345601	TGACTAGCTG	CTGGGTGAAG	CCGCTCAGAT	GACTGTTATG	CTAATGTCCCT
345651	GTTTACAGGT	GTAGTAGAAT	ATTATTAATA	GTGTCAGGAA	TAGGCTATCT
345701	CTCGTAACAT	AGGACTCAAA	TTCCACTAGT	CATTGGTGGG	TCGTTTCTTC
345751	ATTTTCCGTT	CCCTCTTTAC	CCCTGTACTT	TGTGTTTGT	GTTTGTGTTG
345801	TTTATTTTTG	TGTGTTTTTT	TTTGTTTTTG	TTTTGTTTTT	GTTTTTGTGT
345851	TTTTTTTTTT	GAGACAGGGT	TTCTCTGTAT	AGCATGGGCT	ATCCTGGAAC
345901	TCACTCTGTA	GACCAGGCTG	GCCTCGAACT	CAGAATCTGT	TCTTCCATGT
345951	ACTAGGAAGT	GCTGGGTGTG	TTACCACATG	CCACCATACT	CGCGGATAAC
346001	ATTCAGGCAG	GAAAAATTGT	TACTAGAAGG	TTTGGGAGGG	GTAAGAAAGAA
346051	TTAGAAATTT	CAACCATAAA	GTTTCGACAA	GAGATCATGT	TATCAGATTTC
346101	ACAGTAACCT	CTCATCTCTT	ATAAGTTGAC	CCTAATTAGA	TATTGTGATC
346151	TCCTCTCGCT	CTATGGGTAT	GACTTGTCTG	TGTAATAACC	TCCATTCTCT
346201	ATTTTATATC	ATACATCTCT	CCCATACCTG	ATCCCTATTA	CCCTACTATA
346251	CCCTTTTCTC	CATGACAGAT	TCCTACATTT	GCTCATGCCA	GATGTATGAA
346301	ATATTACATA	TTTTCAGAGA	AATCCAAACA	TCATPCCCTG	GACATTCACAT
346351	GATACTTACC	CTCTTTGAAT	CTGTGATTTG	TACGATGGCT	CTCCTGGTAC
346401	TTAAGACTCA	TGTCACCTTA	TACAGTAGGT	ACATATTACA	CTTGTGTTTA
346451	CGCAGATGCA	TTCTCTGACT	CACAATGATA	CTATCAAACA	CACATCCAAC
346501	TGCGTGCAGG	TTACATGATG	TCATAGACTT	TAAAACCTAG	CAATATGAGC
346551	ATTGCGCAAA	CGTACCATAT	TGTGATTATC	CATCCTACAG	TGTAGGGATA
346601	TCTAGGATAC	TACACAGGAA	CTGCCATGTA	TAAAAATGAT	TTTGTGTCGG
346651	AACATAACCG	GAGCCAGTAG	TCCTGGTCGG	TCAGAGTGA	TCCATTGTCT
346701	CGGGTATACG	ACCTGAAAGA	GTTGGCATACG	CTGAGCTATT	GAAGAGTAAA
346751	AACATGATGC	ATGTTTTTCT	GAGTAACCCC	GCCCAACAT	GGATTTTTCA
346801	ATGXXXXXXX	XXXXXXX	XXXXTTTAA	TGTCAGGAAT	AGCCTTCTCT
346851	TCGTACATA	GGACTCAATT	CCACTAGTCT	TGCGCTGTGC	TTTCTGTCAT
346901	TGTGTCCGTT	CCCTCTGTTA	CACCTGTACT	TTTTGTTTTT	GTTGGTTTTT
346951	TTTTGTTTTT	TTTTGTTTTT	TGTTTTCTTT	TGTTTTTTGG	TTTTTGTGTT
347001	TTTTGTTTTT	TTTTTTTTTT	TTTTTGAGAA	CAGGGTTTCT	CTTGTATAAGC
347051	ATTTGCTGTC	CTTGGAATCT	ACTTCTGGTA	GATCAGCCTG	TCCTCTGATC
347101	CTCAGAAAT	CTGTCTTTTC	CATGTATTAG	GATTTAAAGG	TATGTGTTTTA
347151	CCCACCTGCC	CCAGGCTTTA	CCTCCTGGTA	TTTTCTTGTA	AGCCGGGTAA
347201	ATTTGTTTTT	TGTAGGTTTT	TTTGGCTGGG	TTGGGTAACC	CCCCATCCCG
347251	CCCATTTCAAG	GAAGTCTTTC	CCTGGGCTAC	CCCATGGTTC	AAATATCCCC
347301	CTATGCTTAA	GAATCTTTAG	CTTAGTTTTT	ACCCCTCTAT	AGAATTTCTT
347351	GTGGAGTTTC	TTATTGGTTC	CCTAAAGGTT	CTAGCTGTCT	CCCGGGAATA
347401	ACCCCCATTC	GGTCTTTTTT	TACATCCTCC	CCATATGTAT	CCCTCTTACC
347451	TTCTCACCCC	CTTTCCCATC	CAGTGCCCTC	CCTCTGTTC	TCCCAGATGT
347501	CTGTTTATTC	TCATTTTCAG	TGAGATTTCAG	CATCTTCCCT	TGGACCTTCG
347551	TTGTTACTTGA	GCTTCTTTGG	ATCTGTGGAT	TGTACGATGG	TTATCTCTGTA
347601	CCTTATGGCT	AATGTCCACT	TATAAGTAAG	TACATATCAC	AATGTCTCTT
347651	CTGGGTCTGG	ATTGTCTCAC	TCAGGATGAT	ATTATCAAGT	TCCATCCATT
347701	TGCCGTGCAAG	TTTCATGATG	TCATTGTTTT	TAAAACCTG	TAAATATCCA
347751	TTGTGTAAT	GTTCCATAT	TTCTTTATCC	ATCTTTCAGT	GGAGGGATAT
347801	CTAGGTTGTT	TCCAGATTCT	GGCTATGAAA	AATPAAAGTTG	TTGTGAAACAT
347851	AGTTGAGCAA	GTTGCTCTGT	GGTATGGTGG	ATCATCTGTC	GGGTATATGC
347901	TCAAGAGTGG	TATAGCTGGG	TCTTGAGGTA	AACTAGTCC	ATGTTTCTGA
347951	GAAACCCACCA	AATTGATTTT	CAAAGCAGAG	ACACACAGCC	AAACATATG
348001	CTGAGCTCAG	GGAATCTTGT	GGAAGAGGAC	AAAGAAGGAT	CTAAAGAGTC
348051	AGGAGGTTCA	AGGGCACACC	CAGAAAACCT	ACAGAATCAA	CTACCTTGGG
348101	CCACACAGGG	CTCACAGAAA	CTGAACCAAC	CACACATGGG	CACACATGGG
348151	ACAGACCTTG	TCCCTTTATA	CATATGAACA	GCTTGGTCTC	CATGTGGGAC
348201	CTCAACACAG	AGGAGTAGGG	GCTGTCTGTG	ACTCTGTTGT	TGGCTTTGGT
348251	ATCCCTTTTCC	CTTAACTGGA	TGGCCTTGTG	TAACCTCAGT	AGAAGAAGAT
348301	GCTCTCAGTA	CCACTACAAC	TTGATATACC	AAGACAGGCT	GCTATCCATG
348351	GGAGAGCTCC	ACTTCTCTGA	GGAGAAAAGA	GCATAGGGGG	AGGGGAGGTG
348401	AAAGGAGAGG	AGGAAGTGGA	AGCTCTATCC	AGGATATAAA	GTAATAAAAT



348451	TAATTAAGGA	AGAAAAAGAA	TTTTCCAAAG	CAAGATACAG	CTTAATAAAA
348501	ATAATTTTAG	TATATACATA	TATTAAATAC	ATGTATGCCC	TTATATATTT
348551	ATATATAAAT	TTTATATATA	ATAGTATATA	AAATPATATA	TATAATGTGT
348601	CAACAGGGGA	GGGAAGGAAA	GGATTGTCAG	GAGGAGAGGA	GAATGGGGAA
348651	GGGAGGGAGG	ACTCAGGGAT	AGAGGAGGCC	TGTTGACCTT	TGCTTTCTGT
348701	TGATACAGTT	GCTGGTGCCT	CTAGATGAAA	ACTGACCCAG	CTCTGTCCAC
348751	CTTTTCCTTC	TAGAGTTATA	GCACATGCCA	GGAAATGGCAA	CTGAGAACTT
348801	GAGTTCCAAG	GATAAGACTG	AATTCTCTAA	GTATGTTTTT	TTTTTCCCAT
348851	TTAATGACTT	TCTTCTCAT	GCCCTTCCTC	TTCCTCTGAGC	CCACTCTTTA
348901	TCACAAAAAG	AAAGTGCTTC	TTCAGTGGTG	GCCAAAGAAA	TTTTCCATTA
348951	AAATAGGAAT	ATCTTTTCTC	ATGGCTGCCT	CCAAATTGCT	GCTCTTGAA
349001	TGTGTTCCGT	GAGAGAAACC	GAAGGCCATA	GATGAGCCTC	ACTCAAGCCT
349051	GCCCTTTCT	TGAAAGGGC	TTCTAACACT	GGGTATGCTC	CACATTCTCT
349101	ACATTGCCCT	GGATCCCCTC	AAGGATAGGA	GAGGGCCCTG	GCATTTCAGG
349151	AATCTAATAC	CACAAATCTG	ATGTATCTCT	AGGGAGATCA	GAACCTGGGA
349201	AAAAACATG	CAGAATGGGT	TGCCAATAAG	CCATCTTTTC	AGCAATCCAT
349251	TGAAAAAGTG	TGCTTCATCT	ACTAGTGAAA	CTGAGAAAAA	ATGGACATCA
349301	AAATAAAATG	TGATGGCTTG	GTTTAGGGAT	GCACCTTACT	TGAAGAGTGT
349351	TTACCTATCA	CACACAAATC	TCCATGTTCT	AGGCCCACTA	CCACATAAAT
349401	TGGGTGTGGT	GGTGCAATGC	TATAATCTTA	GCATTTTGGGA	AGCAGAGGTA
349451	GGAGGATCAG	TGTGTCAAAA	TCATCTTTAG	CTATGTAGTA	AGGTTGAAGGA
349501	AAGCTTGGGA	TACACAAGAC	TGTCCTCAAAA	AAATTTAAAT	AAATAAAGAG
349551	ATAACAACAG	AAGCACAAAT	TAACCCACTG	AATATAAAGC	AGGAAGTCAT
349601	GAGTCCACAT	AGCTAAATGA	CTAAGTAGAA	ATTCACATAA	AAAGATATTT
349651	ATATACTTTA	AACTACCTCC	CCCCATATACT	TAGATTTTAC	AAAAAAACAA
349701	CCACAACCTT	AACAGATGCA	TCCCTCTGCA	AGAGATTAAA	AGAGCATTGGC
349751	CAGCTGAAGT	CATGGTTCAT	CTGACAGGAT	GCAGCAAGAG	GACCCAGACA
349801	TGATCCTGGT	GCCATGCCCT	GCTGACAATG	AATGACTGTA	CTGTGATTAT
349851	ATGAAACACA	GAAGTCTCA	AATGGAGGAT	CATTTTACAA	CATAAATGAC
349901	CTTCAAAGGA	CTCAGGATCA	TAAAAGACAA	AGAAAGACCT	AGAAAAATTTG
349951	AAAATGAGAG	AGGAAAAAGA	CAGAAAACCA	ATCATTAACCA	ATGTCATTAG
350001	AGATTCTTTT	AACTATGAAG	AATGGACATT	ATCGGGACAA	CTGGTATACC
350051	TCATATGGGG	TCCAAGTGT	AGACAGTGGG	GATATATGCA	GGATGGCACA
350101	CTCATCTGTA	GGACTCACAC	AATGAAATGT	TCAGGGGTGA	CTGGATGTCA
350151	TAGACGCAAC	TTCATATCTA	ATAATTAAAG	AAAAAATTCG	GTTTGGCTGAG
350201	CTTTCTGTTT	TTTAAATAAG	AAGGAAGGTA	AGGAAGTAGG	GAGAGTAGGA
350251	AGGAAGGATG	GAATAAAAGG	AATAGAAAGA	AGGCATATCT	ACAATGAGCT
350301	TCATTTCAGT	GCTCCTAGCT	TCAAGCCTTG	GTTTCTTCTT	GAACTTGAGG
350351	AGCCTCTTTA	AAGATTCTCT	TAGGAATATG	TATCCAGTTA	CTTTTACATT
350401	ACTGTGAAGA	AACATCTTTG	GCAGTAACCT	ACGGGGAGAG	GTTTACTCTG
350451	GTACATAGGA	AGTGCAGTCC	ATCATGGCAG	AGAAGACATA	GAAATTGAGG
350501	TGGCTATGTC	TGTTTTGGTG	GTACAGGTTT	TATACCTGTT	GGTCAGCCAG
350551	GAAGCAGAGA	GCTTGAATCA	GAAACAGTAT	TTTCAAGACT	ACCCATAAGTG
350601	TAATTAGACG	TTTACACAGT	TTCCCAATAG	TTCAAAATCT	AGTATGATCT
350651	GAGTGGAAAC	TGGTGGGAGC	AGAAGGGAAA	AGAAGAGGAG	AGGGGAGATG
350701	AAGAAGTGTG	AGCATCACAT	AAATGTTTGT	ATTTAATCTG	ACTACTAGAG
350751	TAGAAGGATC	CATGATCCCT	GATAGGAAAT	ATAAGTGTGT	GCACATATCT
350801	CTGTGTATAG	AAATGGTAAT	CACATCATAT	GTACACTTTA	TAACTTTATC
350851	TACTTAATAT	TTTCTGAACA	TTCCCCCCCC	CTTTTAGAAA	CAGGGTCTCA
350901	TTGTGTAGTC	CTAAGTGGCT	TAGAACTATG	TAGAACCTGT	CTATGTAGAC
350951	CAAACTGGCC	TGGAACCTAA	AAAGACCCAC	TGTCTCTGCG	CACCCACATG
351001	TTGGAATTAC	TAAAGGATGT	GGTACCATAC	CCCGTGACAC	AGTTATCCAA
351051	AGGTTAGTTA	ATAAATAGCC	ATTGGTGTGT	AAATCACACTA	ATTATTTTAA
351101	CCACCCCCAG	CCATGTTTGT	GTTTAAACATT	CTTGTATATG	CATCTAGCCT
351151	TTAGAAATTT	GCATATATTA	GCTTCACTAT	GAAAGCAAAA	ATGGAAAAAC
351201	ATGTAAGATA	ATTTCAGTA	CACCTTTTAC	CGTTTCCACT	TGCCCTTGGA
351251	CAGATTGGGC	TAACTCAGAG	ACGTTTGGGG	AAATAGTAAA	TATCGTCTTC
351301	TGTAAGTGTG	GAACTAAATT	CTTTTCTTTT	CTTCTCTTCT	TCTCTTTCTC
351351	CTATTTTGTT	GACGGTAGAT	GACTCTACTG	GAGACTGAAA	TTAGGGCATC
351401	ATGCATGCAA	GAAAAAGACT	CTACACTGAC	CTGTGGCCCC	AGCCCTCAAT
351451	TTCACTGAGT	TCAAAATCCCA	ATTTCTTCTT	CAGAAATCTA	GGACCTGGTA
351501	CCTAATATCT	CAATGCCTCG	GTTTCCCCCT	ATATAAGATG	GCGTGCCCAT

351551	TCACAGAGTC	ACTGAAAGCC	TGACAAGTGT	TAAAGAGCTC	ATACAAGGCC
351601	AGTGTTCATC	AGTGTGGGCC	ATTGTTAGCA	TTATGAAAAA	ATATAAGAGG
351651	CAGCTTTTGA	GGTCCAAAGA	AAAAGACAGG	AAGTAGGTCA	GCCCCATCCC
351701	TGGGATGGGA	AAGTTCCTC	TCCTGGTGAC	AGAAGTGATA	TTGATGGAAA
351751	AAACATTTTG	TAAGGTCGTG	AGTTGACGTA	TACTCTTTAT	GACATTTTTA
351801	TCCTCTAGTA	ATAGATTCCA	TCGCCTACGG	AGCCAGGCCA	TTTTCATTTA
351851	TTGACTTTTC	CTCTTCTCTC	TCAGACATGG	AGTCTACCTC	CTGTTGACTC
351901	CATTCTCCCT	CCAGCCACCA	GGAACGTGTT	CTGGACAATG	CTCACCACCA
351951	TGCCAGCCAG	GTCTAAAACA	GGCAAGGGGT	CCTGAAGGCC	CAACCAAGGCA
352001	CCCCATATTC	CTTAAAAAGG	TGCTGAGGAG	GCCTTAATCC	CCCTTCTATC
352051	CTTACATTTT	CTCCCACTGA	TATGCCCCAG	TGATAGCTGG	GGTATGACTT
352101	TGAGATTGAT	GTGTTGGTGG	CAATACTTTA	TAATACTATT	CAAGGCACGA
352151	TGCTGTGATT	ATGAGCATAA	CCTGGTGTTT	CAGAGCAATG	GACCCCTTGA
352201	CATGTTCCACA	GACTGCATTG	TGTATGTTTA	GGTGGTATTT	TACTTAATTG
352251	AGCTGGGGAA	AGGAACTTGA	GTAGAAGAAC	AGGGCAGCGA	CAATGTCTTA
352301	GTTTAACTGA	TATTGATGGA	AAAAAAACAT	TGCAAGGTC	TGGAGCTGAC
352351	GTATACTCTT	TATGACATTT	TAATCTCTGA	GTAATAGATT	CTGAGTAGTA
352401	GTTATTGCTT	CGATGAGACA	CCACAAGCAA	AGCAAGTTAG	AGAGGAAAGG
352451	ATGTATTGGG	CTTACACTTC	CACATCCATA	AGCCATAAGT	GAAAGGAAGT
352501	GGGATAGGAA	CTCAAAACAG	GCAGCCACCT	AGCATATAGA	AGCCATAGAG
352551	GAGTGCCTGT	TACTGGTTGC	TCAGCCTGCT	ATCTTATATA	ACCTAGGACC
352601	ACCAACCAAG	GGATGGCCCC	AGACACAACA	GACTGGGCCC	TCCCCCATTA
352651	ATCACTTATT	AAGAAAATGC	CCTACAGGCT	TGTTGACAGC	CTAATGTTGT
352701	AGCAGCATTT	TCTTCATTGA	GATTCCTCCC	TCTCAAATGA	CTTCAGCTTG
352751	TGTCAAAGTTG	ACAAGAAACT	ATCCACCACA	GGCGCCTATG	ACACACACTT
352801	GCTGGGAATG	TCACAGTATG	ACTCAAGGCA	AGCTGAGTGA	GGGTGTGGGC
352851	CAGCCCTTCC	TTTCAGAATT	AAGGGATAAT	TTATTTCCCC	TGGGTCCCCA
352901	GTTAGAACCC	CATTTATTGG	AAATTCCCAC	TGATTTTTC	CAATTCTTTC
352951	CTTTTCCAAC	ATTCGGTGGG	TTTCTCTTGT	TATTTTCTCC	TTGGCTTCCG
353001	GAAACCCCCCT	TCTCTGGTTC	CAATTTTNTN	TTCCAGGAAC	CCCTATTGGG
353051	TTTTGGAAGG	CATTGGCGAG	GAAAACCAAA	CACCCAGGAA	AAAAGGAAAG
353101	GAAGGAAAGG	TCTTCCAAT	CCCAAGGGGA	ATTGGCAAGT	TTGTTAAGAA
353151	CAGGGGGGGG	GGCACCACAC	TCATGGCCAT	TTTTTTTTTT	AACTCCAGC
353201	TGAGAGCATT	GATTGGACCA	TTAGCCAAAG	AGCTGTGGGA	TTTCACAGGG
353251	TCTGCCCAAC	CTGGTTCAGG	CCTGGTTTAG	TCACCATTAAG	CTTCACATGG
353301	CAGAGAAAAA	TAAACTCACC	TCGAAGTTTG	ATTCAGTTCT	GGGAAAAGTG
353351	CCGCCAGCAC	ACCTTTGGTG	TCAAGGTGCG	TCTTTATCTT	ATCAGTAAAA
353401	ATCCCTTAAA	ACTGCTACGG	GAACITCGGC	TCCCTGTCTT	CATAACCTGG
353451	AGGTGTAGCT	TTCTTCATGC	TTTGAGAATA	AAGATAAAAT	GAATTATTAA
353501	TTTTTCCAGGG	CAGCAGCGGG	TGATGCTTGG	TCAAGGAGTG	AGGAAGACGA
353551	GCAGTCAAAC	TTCTATACAT	ACGGCAGGGA	AAAGTCCATAG	AAGCAGGCGG
353601	ACTGGAGGAA	GCCAGAGGTG	GGGAGTTTCC	AGAACGGCTC	TCCGAAGGAG
353651	CAGTGCCCTT	TGTATAGTGA	ACCTCCAGCT	CAACCTTCTT	CTGGATTCA
353701	CAGCCAGAGA	AGTCATGCCG	TGTGGAAGCC	TGCTGGTTTC	TAGAACTCCA
353751	TAGAACATCT	ACCTCTGTCT	GGTGTATTTC	TGGTATACAG	CAAAAGCCCTGG
353801	AAATTTTGAA	TCACTCCCAT	CAGAAACAGA	CAGACTATCT	TCPTTTTCAAT
353851	ACGGGGGACC	AAACTAAGAA	CCCTGTACAA	GCTPAGACAA	TAATCTCTCG
353901	ATGCAGCACA	CCCTCAGATC	CCTGCCCCAC	AACTGTCTTT	TCTCCCTGCT
353951	AGTAAAACTT	TCCAAATCAA	ATCATTTTTC	CACAATTAAT	AAATTATAAC
354001	TTAATACATA	TACATTGGAA	AATAAGAAAT	CAAGATTAA	TGTGAATTAT
354051	TAAACAGAAA	TAAGGCACCA	GCCAGCCTTA	TTTCTGTGCT	AGCTGGTTC
354101	CTTTTCTTAG	AAACCATTTT	TGTAAATTAT	AAAGTTTTTA	ATTCACATA
354151	GGTTTACTCT	TCAATTGATT	AAAAAATGCT	GTACAAACTT	TTGTGATTTA
354201	CTATATTTAT	TCTCTACACA	CTGGCCTACT	ATTAAAGTGA	CTCTCACTCA
354251	CTCTTTCCCT	TGAGGCCCCC	TACTTCCCAG	GATCTATCAT	TAGCTTCAAT
354301	GGGGGGCTTT	TATAATTTAA	AACTTACCAT	GGCGTTTCTA	TTAATCTTCC
354351	TATGTAAATAT	CTTCTGAAAC	AAGATTTTGA	TAACTTATCA	ATGAAAACTA
354401	AATATTGAGT	TGGGAGAGCA	GGGTGAGATG	CATGTGCTGC	CACAAACCTA
354451	TAATCCCATG	GCTCGTGAGG	CCGAGGCTGC	AGAATGAGGG	CTAGAGGCCA
354501	TACTAGGTTA	CATAACACGT	TCCAGGGTGG	CCTCGGTTAC	AGAGTGAGAC
354551	TCTCTCAAAA	AAACAAGTCAA	ACAAAAATATA	CACACAAAGA	AGAAAAACAA
354601	ACAAACAAAC	AAACAAACAA	CACACACACA	CCAAGTTGTA	ACCTGTAATT

354651	TAGATATGAA	GGTCACAATG	AAATGGCTAG	AAAGAGATT	TTGGTTTTTT
354701	GTGGTTTTTT	TCCAGTAA	AATACAATCT	CAGGGGTCAC	AGTATGACCG
354751	AGCAAATGTC	CTGTAACAAA	ATTATCTTCA	TGTGTAGGCA	TCCATGAAAG
354801	GAAGTTTTGA	ACTTTCTCTG	ATTGGTCTGA	CAGGCATGCA	AATAGCGATT
354851	CTGTAGTCTC	TGAAATATTT	TGCATTATAG	CTGAAATAGA	AAGAAAAAAT
354901	GATTAAATTT	CTCCTTAAAA	TTTTTTATGT	TTATTTATTT	TTGGTGGGGG
354951	CATGCCAAGG	TGCACATCC	AAGGTCAAAG	GACAGCTTAT	AAGAATTGGT
355001	TCTCTCCTTT	GACCCTGTGG	GTCTGGGAGA	TTAAACTCAG	GTCATTTGGA
355051	TTGCATGCCA	AGTGTCTTTA	TCCACTAAGC	CATCTCACCA	GTCCAAAGAT
355101	AATTAGTGTAT	CAAAATATAT	GAACCTATAC	TAAGTTACCA	TTATATTTATG
355151	AAGTTTATAG	ATTTCCATTT	ATTGTGTGTA	TTATATACAT	ATGTGTGGAT
355201	ATAATGTGTG	TAATAAAATG	TCAAATGTAA	ATGTATGTAT	TATGTACAGT
355251	ATACTTTTGG	AATGATCATG	TGAAAGATAT	TTAAGTTTCC	AAAAGCACAC
355301	ATTTTCCCAA	GGATACTTT	CAGCCACGTT	CATGAGCCAT	CTTTGCCACT
355351	CAGTTGCGAG	AACTCTCAGAG	AGCTTAGCCA	CCGCCCTGCT	GACTGCTACC
355401	GCCTTGCTCT	TGCCCTGGCAG	GTGGACACGC	TCCTTGGGGT	ATCTTGCAAT
355451	GAAACTGTTT	CCCACAGGTC	CAGGTGTTTG	AATATCTGAT	TCCCAGTTGG
355501	TGGAGCTATT	TGGATAAGTT	TAGGGTGT	GGCTTTGCTG	GAGGAAGTGT
355551	GTACAGAGAG	AGGAGGGCTT	GGGGTAGGGT	TTGAGGTTTC	AAAAGCCATG
355601	TGTCATTTCAC	AGGTCAATAA	TTACACAGGT	CAATTAATTAC	ATTCACAGGT
355651	TAATAATTAC	AGATTAACTT	GTAATTATTA	AAACAGAAAT	AGGCACGAGC
355701	CAGCCTTATT	TCTGCCTCGT	GCCTGTGGTT	CAAGATGTGA	GCCTTAGCT
355751	TCAGTTCTGG	ATGCCGTATT	TGCAGCTTAC	AGCCACATAA	GGCTCACACC
355801	ATGACAGACT	CTTTCCCTCT	TGGAACATGA	GCTAAATAAA	TCTTTTCTTC
355851	CATAAGTTGC	GCACCTATCA	TGCCTTATTA	CAAGATATAGG	AAAGAAACATA
355901	ACCCCTCTAC	TTCCCGAGGC	CCTTCTCTGA	CACATATCTC	CTCTCTGAGA
355951	CATTATTAAT	AGTCTTACTG	CCTCCCTAGA	TCCTGGAGGA	GAAATGTAGT
356001	CTCCCTTTTC	TTGAGTCTTA	CAACGCACAG	CTCTTCACGA	TATCCTTCTC
356051	TATTTTACCC	CTCAACTTTA	CATAGATCAC	ATGGTACAGA	ATGCCCCAGG
356101	ATATTTCAGCT	AAGGCTTAAG	TACGGTTCAG	ATATTTTCTC	TGAATGCTGA
356151	GGATGTGGCT	CAGTTGATAA	AGTGTCTTGC	TGGCATGAC	AAACCCCTGG
356201	GTTTGATACA	CAACAGTATA	TAAACATGAT	GATACATATC	TGAGTTCTCT
356251	TCTGCCAAGT	GTTTGTATGA	AGTCTTACTC	ACCACCCCAT	TCTCTTGCTC
356301	TGGTACAGGC	TGCTGGGTGT	CAGAGCCACC	TGCACTTACA	GCTCAAAGCT
356351	AGAACGCTGA	CCACAGAGTA	TCTCAGTACC	CAGGGGTAC	ACTTTACCAG
356401	ATGGAAGAAG	TCCCTTIGACT	TGACTGCCAC	ACATTTTTTT	GCTTAGCAGA
356451	TCATTAGGAC	CCCCAGGGGT	GGATGAATCT	CCCACCATAT	CCCTCAGCTGA
356501	TGGATAAATAC	CCCCATCACA	GAAAAAATAA	AGAAAAAACA	AAAAACAAT
356551	TGAAGGAGCT	TTCTTCTTCC	TGGTGTGTCT	TTCCAAATCT	ATCGTTCAAG
356601	CTGTGAACGT	ATGCTGTAC	TAGTGTGTCT	CAAGGTACCT	TTGAAAGCAG
356651	TCAGTAGACA	CTGCTACACT	GCTACTTTCT	CTTTTACAGT	GTTCAAACCT
356701	GCTGCCACGA	CAACATTACA	ATGACCTCAT	GTGAACAGAT	GAAGGGCCAC
356751	GAGATGAAGG	GAAAGGATTC	CAGCTATGGG	TTCACAGACT	CTGTGCTTTT
356801	AAAAGTGTAG	CCCCCTCTGG	CTCTGCTCCT	AGAGATCTCG	CTAGCGCCTT
356851	GTGAATGTGG	TGAAATCTAC	AGATGTGTGT	GTGTGGGGGG	GAGGGGGGTT
356901	CAAAAGGACG	AGCGTAGCTT	TTCCGGAGTT	AAAGGTTCTG	GCTTCTCTCTG
356951	CTCTGAAGGT	GGGCTGCATC	TTAAGGGAGA	TGAGAAATTA	ACATAAAGGG
357001	TTAGTGTTTA	CTACGACCC	ATGAACCTGG	GAAATATAAG	GGGCTACTGC
357051	CTTAACACTC	CAACATGGGG	GCGCAGGAGC	CTGAAGGGTT	ATGTAAGGAG
357101	AGAAGAAGGT	GTGGGCTAGG	ATCTAAGTCC	TCCTTCTCTGA	AACACTGCAC
357151	TGAGTGTGTA	ACCCACGGGG	GCAGCTCTTG	CATTCTCCTT	TTGAAATGTT
357201	GTGCTTTTGG	TTACTTAAGA	CATAGACCCA	AACATATGTT	TCTATGAATC
357251	TGAAGAAAAA	CTTAACTGTT	AACATCTTAT	TCATCTTAT	GGAACTTTTT
357301	CTCAGAACTT	AGAATGCTCT	GAAAAAAGAA	AGGGGATGTG	AAGAAACAGG
357351	GAGATGAGAG	CGGGAGAGGA	GGGAGAAGCA	AAGGAAACTC	CAGGCCCTTT
357401	CATCAGGCTT	GCTCTGCTTG	CAGCCCCACG	GAGAGGAGCA	GCTGTGCTAA
357451	GAGGCTCGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTAAGTG
357501	TTGTGTATAT	GTGTGAGAGT	GTGTGATGTG	GTGTGATGTG	ATATGTGTGT
357551	GAGTGTGCAT	ATGTGAGTAT	GTATGTTTGT	GTGTATGTGT	GTGAGTGTGT
357601	GTTTGTGTGT	CTGTGTGTGA	GTATGCATGT	GTGAGTGTGT	GTTTGTGTGT
357651	ATGTGGGCAT	ATATGTGAGT	GTGTGTATGT	GTGTGAGTGT	GTGTATAGAT
357701	GTATAAATCT	GTGTGTGAGT	GTGTAGATGT	GTGTGTATGT	GTGAGCATGT

357751	GTGAGCATGT	GTGTGAGTGT	GAGCATGTGT	GAGCATGTGT
357801	GTGAGTGTGT	GTGTGAGAGA	GTTTCTTCCT	TCTTCCTCAG
357851	CAGACTTTTG	CCCATCTGGA	TGCAAAACCCT	GAAAGCTTCCA
357901	CTTTGGCCTGA	ACCCAGACCA	AAGAAGAATC	CCGTGTGTCT
357951	TCACACTCATG	CTTTGGGGATG	GATGAAGAGG	ACTTTCCCTT
358001	AGTTCTCTGGA	GAGAAATACA	CTTCCGAAAA	GCAACGTCAG
358051	GCAACAGCCC	ACTGCCAGGC	TTCTTTTCATT	TCTCTCCAAC
358101	AGGCTAGAGG	TTACTGCTTA	TCTTCCATCC	CAGAAGGAGA
358151	AGGAGAGCTT	GGTATTATGC	CAGGATCTGA	ATTGGAAACC
358201	GACGATGCCA	ACTGGGCCAA	TTAAGAAGGT	GTTGACGACG
358251	ACGGGTTCCT	AGATATTTTA	ACTTTGATGG	AAAAGTTTAA
358301	ATCCCAAGA	ACCTCATATT	TTCCAGGAC	TAGTGCCCTGG
358351	GCTTCCAAGA	AAACAGGATT	CTCAGAAGCC	CTTTTCGACCT
358401	TGGACCAATC	AAGAAGTATA	TGGAATAACA	AAAGCAAAGA
358451	TTCTCATACA	CCCTGAGAGA	CTTAGATGAG	TTAAGTGTFT
358501	TTGTCTGCCA	ATTAGGACAG	TGTACTGGCT	TTGAGAAGTG
358551	TGTTCTCCCC	ACTTTTGGCT	GCCAGGTATG	GCAAGGTTCG
358601	TGTCAGCATA	AGGGGCCAAG	ATTAGCACTG	CCCTCCCCCT
358651	AGAATTCTGG	CACGCTTACT	AACCTTCTTC	AAAACCTGGCA
358701	ATTACAATCT	AAAATGCAAA	TGCCCATAAA	CTCTGTGATC
358751	CCCTGCAATG	TGGCTCTCAC	GTCGTCTCTG	GAGACAAGAA
358801	CCGAGGAATC	AAGAAATTCG	TGGGAAGTTC	AGTTGCACCA
358851	GGGAAGTATG	AATCAGACAG	ACTTGAACCT	GGGTACTCTT
358901	GCGAGTTCCCT	AAGAACAGGT	GAAGTGAGG	TCATGACCAA
358951	GAGTCCCTGTT	GCTCCACGCA	TTAACCCCTTC	AGCTCTGGG
359001	GATGGAATCC	TGCAATAGAG	ATCCTCCTTC	AGGGGAGGGG
359051	AATAGCTCCT	GACAATAGGC	AAAGGAAATG	GTGAAAAACA
359101	TTAATCAGCA	TATCTATGAC	AGTGAGACAA	AGGAGACCTG
359151	TCGTGTTCCCTA	GGAATGCTGA	TTTAACCTCT	CAGGTATTATG
359201	CAAAAGGCTGG	TGCAATAAT	TACACATAAT	ATGTCTTAGT
359251	TTCCAGGGCT	GGAGAGATGG	CTCAGTGGTT	AAGAGCCCCA
359301	CAGAGTCTCT	GAGTTCAATT	CCCAGACCAC	ATGGTAGCTC
359351	GTGATGGGAT	CCGATGCCCT	CTTCTGGTGT	GTCTGAAGAT
359401	TACTCATACA	CATAAATAAA	TAAATCTTTA	AAGAAAAATC
359451	TGATTATGAA	TCTCAGCATT	GGTTAGACAG	GGCCTTGTGT
359501	AGCATTTGAT	CCTGACTGGT	AGATTGACAT	TGTGTCACAA
359551	ATTAAATGTG	AGGTGACTGC	GGAAGAGAAG	GAGTCAAAAT
359601	TATGCAAAAT	GGGTCCCTAG	ATGGCAAGGT	TTCTTACCTT
359651	TCGGGCGTTT	GAGGCCAGGC	AGGGAAGAAG	CGTCAATGCT
359701	GTAGCCTCTA	AGTCGCCGGT	TCTCAACCAG	TGCCCTTGAG
359751	AGTTGAATGA	CCTTTTCACA	GAAGTCACCT	GTGACAACTG
359801	ATATTTACAT	TAAGATTAC	AACAGTAGCA	AAATTACAGT
359851	CAGAAGAAAA	TAATTTTCATG	GCTGGGGGTT	CACCACAACA
359901	TCGTGAAAAGT	CACAAACATTA	GGAAGGCTGA	GAACCCTGAG
359951	TGCCCCCTCTG	CAGAAGTCTG	GGACAGCAGG	GAGAAAAAGC
360001	GAGAACGTAG	CTTTTATCA	ACCCATGAAT	CAAGGCAGCC
360051	ATGGCTGAAG	GCTGGAGATG	AGTCCCAGTC	GCAAGTGGAT
360101	GTCAGCTCTG	CTTCAAGGCA	CGCTGAAACT	GTTAGAGGAG
360151	GTCTTCCGGA	CACAACAGG	CAAGCGAGTG	TTGGGTAGAA
360201	AAAAGGCTGG	GAGACATGAA	GCCACTGGGA	CCCAAACTCA
360251	CAGACCCGAAG	GGTGAAGTGC	AGGGCCGGGA	AGTGGGAGGG
360301	ATAAATGGGA	ACAGAAAGGT	ACCCAGAAAA	TGGGCACCTG
360351	TAACCCGGAA	GCTGGATAAA	GCCATATATG	CTTTGGACAT
360401	AATGGGTTTT	TAAATCCTAA	AGTATAAGCA	ATCTATCTTT
360451	TGTTAAGCAG	GCATCATGTG	CAGCAGACAC	TTTCCTTGTA
360501	TAAACCACAT	ATGCCCCAGC	TTGCCCTGCC	AGTGGGACAG
360551	GCACCTCCTG	GCCACTCCAT	GCTGGCCTTG	AAATACAACT
360601	TTCTAAACAAT	GTTGCAAGAA	TTGGACCTTT	AAAAAAAAAA
360651	CTGCTTATTC	AAGTGCCTGA	CTTCTGCCTA	CATGTTCTCT
360701	CTGGGTTTGG	ATGTTGGTTC	TTTTCCTTGG	AGACATGCTA
360751	GAGAATTAAT	TATCACTGA	GAATCAGGCA	CACAGTTCCA
360801	TACTGTCCTA	CACCTGGATT	CCCGATAGCC	TAGGATGAAC
				TCATTCGGAT

360851	ACCCACATCT	GCAGGACGGG	CACCTGCAGT	CAATAGGGAA	CCATAAAATG
360901	TTGCCATPCC	TC'TGGGGGGG	TCAATGCCTCC	AGCT'PAGAGG	GTTTCTTTTAG
360951	GTCTTCATTC	ATGTCCCCACA	TAAGTCCAAA	TTATCCTGAT	CTCCTGTTTAA
361001	TGCAGACTTA	TTATGAACCA	TGCAGTTACA	GCAATAAAGG	CAAGCAAGTA
361051	CAAAATCACAC	TTAAGCCCGTG	CAAAATGTCC	TATTCTCCAC	ATAAATATCT
361101	GGTGAATTTT	ATTCTTCACT	AAITTTGATTG	CTTTTGAAGG	AGGACTCCCA
361151	AAGTGT'TTCA	GCTTAGTTTCA	CAATACAAGT	GGGACACATT	TTTGGGGTAA
361201	AAGGGAACTC	GATCATGTGC	CTATTGAGAG	TG'TGTGAGAG	AGTGTGAGTA
361251	TGTATGTGTG	TGTTTGTGTG	TACGAGTGAG	TG'TGTATATG	TAAGTGATATG
361301	AGTGTGTGTG	AGAGAGTGTG	TCTGTGTGTG	TGTGTGTGTG	TCTGTGTGTG
361351	AGAGAGAATG	TGTGAGAATA	TATGTGAGTA	TCTGTGTATG	CACAAGAATT
361401	CTTCTCATTG	TTAACGGTAG	TGACCTACAT	TTCTTTTCAA	GAGGAAACAT
361451	AATACACTGG	AAGTAGCCCT	TGACGGAGTA	CCCTGAGGTT	TGAAC'TCTAG
361501	TC'TCAACTAT	GGGCACCAGA	AGCAACCTTG	CTCCTGCAATG	GAACATCTCT
361551	TCACATACTA	GACCTTTAGC	TACCTTATCT	TGAGGGCTTA	ATGATCTCTC
361601	AGAGGTGGTG	TGGTGGGGT	TTCTCATTTT	CTGCTCTTAA	AGCGCATTTT
361651	CAGTTAATAC	TGTAGCAGTT	GATAACGGAC	CTTAGGTACA	T'TTCTGACGA
361701	CAATATAACT	GTATCCCCCA	GTTACTATAA	GGTCACCTCC	AGTTAT'TGGAT
361751	CCATACTGGT	TAAACGACTG	CTCTCATATT	CATAAGTAAC	CCAGAACGGG
361801	AGGTTTCCCT	CAGTGATCTG	TCAT'TATCCC	TATTCCTTGT	TCACACCCAT
361851	GTCTTAGAGA	TGGCACTGGG	GTCAGTCTG	TGTCTGTATG	CTTTAATGTC
361901	CCATCTGATA	TACAAGCCTG	GATGAGATGA	GAGCTCAAA	ACAACCCAAA
361951	CTGGT'TT'PAA	AATAAGTTGG	GCAGAAATTA	AAGTAGTCTC	CGTGTGCCTT
362001	TGGTATTTTC	CTTCAAGGGT	GACATGTCTC	AAAGAAGTCA	CGCTAATGGT
362051	TC'TCCTGGTG	CCTGACTTTT	CTCTCTTATC	CCTCCATCTT	CCGACATAAC
362101	ATCATGATGT	GAAGTAGCCA	AGAGAGCTCC	TAGACATCTG	TAGACCAAGG
362151	TCACTTGATC	TTGGACTAAC	TCAGGTGGGG	GGGGGGGCGC	CAAACAACC
362201	TCCTTTTAAA	AAAAACAAC	AAGGAGCTTC	TGATAT'TT'G	TTGTAGCAAC
362251	TAAAATGTCT	CTAATATTTG	TAGAGTGCCT	ACTTAACCGA	G'TCCTAAGAC
362301	TAGATTAGTT	GAAAGAAAGG	CTCCTTACTG	AAGAGAACAT	GGGCTGAGGA
362351	GCCCTCTGTG	AAGGCCCTGG	AGTCTGCAGG	GCTATAAAGG	AGTTTGTAGA
362401	GGACTGAACG	GAACAGCTCG	GCCTGAGTAT	GAGAGGCCAC	GAGAGAAGAT
362451	CCGTTCCTTC	CTGTGCTTAA	CAC'TTACAGG	GTTT'TAGAAG	CGGGCATTTA
362501	AAGT'TCTTTT	TGAGTAGGAA	GCAATGGTTG	TTAAGTACTT	AAAGGTGATT
362551	GCTGTGGAGG	GCATGAGGCG	ATCGACTCTG	TGTGTTCCTT	GTAATCTACT
362601	TTTCACTTTC	TCTAATAGCC	TTTCCAAGCA	TGTCCTGGGT	TGTGTGTCTA
362651	GGCCGAGAAA	ATGACAACA	AGTCTGGTGA	GTGCTTAATA	CAGATTCCAG
362701	CCCTTTGTCA	AAGAACAGTT	AGGATCAAAG	CTTTCCAGAG	GCAAGCCGCT
362751	AGGAGATCAA	AGGACATCTT	TATCTTGTGC	CTTATGGGGT	TGTACTTTAA
362801	ACACCAGAAA	TTGAGCCTTT	GGAGTCCATG	TATTTTACCAT	GAAAATGTGC
362851	CTTATTTCTA	GGAACAACAG	GTCTCTAGCG	CCCTTCCAC	ATTTT'TCCCA
362901	GGAATGGGG	AGGTGGAACA	GGCCTGTGAT	CTTCTTTTTC	TTCTCTAATG
362951	AGACTCGTGC	TTTACAGAAAG	TGCGTTTATG	TGT'TTCCAGA	TGTGTGCTAA
363001	AACACTCCAG	ACACAGAAGT	GGGTGGGCCA	GGCCCTGCC	TTCCCGGAGA
363051	CCGCGTGAAA	GGAAGTCAGG	CAGTTATGGA	AAGTCCCTTG	ATCTGTACGG
363101	ATTGACTACTA	ACGAGGGGGG	CAGTCAACTG	GGCTCAACAT	ACAGCAAGAG
363151	CTGTGGGAAT	GAGCATCATG	GGACAAGGTG	TTAGTGGGTG	AGGTGGGCAG
363201	TGGAGCGGTG	TGTACGACCC	CTACAGGACA	GGAGTGGTAT	TACAAGGAAG
363251	TTAGAGTACA	GAATGCAGAG	CCATACTGTC	AAGATGCCAA	GGACCCAGAG
363301	GGACTTCCTCA	GTCGAGTTAC	ACAGGCCTCG	TAAGCTGTGT	CAGAAGCTTAC
363351	TTAAGGAGAA	TGGGAAAGCA	CCTCAAGACT	C'TTGGTAAGA	GATTACAGTG
363401	TAGACACTCT	ACACTTTTGT	AGGAGGAGCC	ACTAACGGCT	TCTTGTCTAGC
363451	GCTCGGGGAT	TGGCTTCTTC	ACCAGGTTT	GAGAGAGTTG	CCTAGAGCAG
363501	GGAGT'TTAGC	CAGCTGTGCC	CACGTGAGTG	TAT'TGTGAA	ACTTATTTGCT
363551	ACATAGTGTG	AACAGGATGT	CTCTGCCGGG	AGCCTGGTCT	T'TGGGGGAAG
363601	ACTAGGCTCA	TCTCTCCCTG	CCCCCCCCCT	CACATCTGGT	GAAATCACCA
363651	GCTCAGGGTG	AAGGCCAAC	TAGATGCTGA	CTTCTTCCCA	TCTTAGAATG
363701	TTTTTCATCCC	GTCTTGAGCG	TCTACTACAA	TTCTTTTGT	TGTTT'TTGT
363751	TTTGT'TTGT	TGTTTGT'TTG	TTTCTTTTCC	TGCTGT'TGGG	GGCTGAACCT
363801	GACCATCTCG	GGTGCAAGAA	TCAGAAATCT	TCAGAACTTA	CGTGAATATG
363851	TTTTTTTTTT	TCTTCTCTCG	AACCGTTCTC	GCTCCTCTTAC	ACTCCTATTC
363901	AGGT'TGGATT	AAAAGCAAG	GCTGACAGTA	ACTGCGCGGT	ACATGCGCAG

363951	TTGTCTCACA	AGACTATGT	TGAAGAAGAG	GCTCATCGTT	AAGTATGTGG
364001	ATTCACTGGG	GTTTAACTGG	CACGGTTGCT	GTGTAGTGGT	GGTTTTGTAT
364051	AGATTTCAAC	CAAGTTTCTG	TAAGGATCAG	AGTTAGAGCA	TAAAGTGGGA
364101	GACAA'TCTGT	GTCCCGTGT	TTAAAAA	AAAAAGGAA	AGGAAAGGAA
364151	AGGAAAGGAA	AGGAAAGAA	AAAAACCAGA	CTC'TAAACA	TGATTTCAACA
364201	TACCCACTGA	AGGCAATGT	TAGTGGCTTA	CTGGAAGACG	TTACCGATGA
364251	ATGAAT'TACC	ACAGCTCACA	TCACATCTGT	AGGCATAATG	TCTAGCCAGA
364301	CT'AAAAATGT	CAAGATACAA	GCCTAGCCCTA	ATCCACCACT	CTCAGGTCCA
364351	AGTAAAGAGAC	ACT'GTCCCAA	AAATCAAGGT	GGAGAGGTGAC	TGAGGAATGA
364401	TC'TCTGGCAC	ACACACACAC	ACATACATGC	ACACACACAC	ACATCTGCGC
364451	TTGCCGCGAG	TCCTTCGAGC	CGGATGAGAC	ACGAACGACA	CGGACACCAA
364501	ATCGGGTTCA	CGCAGCAACT	TTACTTAGGG	CTTTT'TCTTT	TACAGCTCTC
364551	TTCCCCAGCA	GCTTCTTCTT	AGGGCAAGGG	CTCTCTTACT	CTACTTCTAC
364601	TCACAGCAAG	GGCTAAAACA	ACTCCTATTA	CAACACGCTTC	TCTTCTACTA
364651	CCTCTACTTA	CGGCAAGGGC	TAAAACTATC	TTCGCGCCAA	CTCACCTCCT
364701	TC'TAGCTCCA	CCCCACTCA	TCCAATCAGA	ATTCACACAC	ACACACACAC
364751	ACACACACAC	ACGCGCGCGC	GCGCGCGCTC	CAGGCATGAA	CTCAGGTCTG
364801	TCACAGACAG	GCTGACAGGT	CACCATCACG	AGGAACAGTC	CCCACTTGGCA
364851	GGCAGCCCAAC	GCATGCAGCC	TCACTGCGCA	TGCTCGGGGA	ACCCGAAGAA
364901	CAAGTGGGTT	TCATGGGACC	TGCGGCTGCA	CCGGCTTCCC	GCATGGCGCT
364951	GTAAGATGT	CTGTCTCTCT	ACTGAACCCA	GAGCGTGAT	CTTCAACTCT
365001	CATAATCTCA	TATTAATGGA	GAAGGAGACA	ACTTAAATCT	GCACCAGAAC
365051	CAGGCATAAT	AATGTTCATA	CTTGCAAACC	CAGCAGT'TCC	AGGCCAGCCT
365101	GGCTACATCC	AGTG'TGAGAC	TGGACTGGAT	AGTAACACAA	CTAGT'TATC
365151	CAAGAGGAAG	GAGCCTCAGT	TGAGAAAATT	CCCCCATAA	GATCAGGCTG
365201	TAGGTAAGCT	TTTAGAGTGG	TTTCTTAATT	AGTGATTGAT	CTGGGAGGGC
365251	TCAGTCCATA	TGGGTGGAGC	CATCCCTGGG	CTGGTGGTCC	TGGT'TCTAT
365301	AAGAAAAACAG	GCTGAGCAAG	CCATGGGGAC	CAAGCCAGGA	AGCAGCACTC
365351	CTCCACAGCC	TCTGCATCAG	TTCCTGCCCTC	CAGGTGCTTG	CCCTGTTTGA
365401	GTTC'TG'TCC	TGACTTTT'TT	TGATAATGAG	TGACAAATAG	GAAGTATTAAG
365451	TTAATAAACC	CCTTTCTTCC	CCACTTTGCT	TTT'TGGTCAAT	GTGTTTCTT
365501	TGCAGCCATA	GTAACCCCTGA	CCAAGGCAGG	AATCTGCACC	AGGGTCTGTG
365551	GGTGTGGCTG	TGCAGAGCTG	ACCATGTGGC	TTGGGGGAGG	ATTGTGGAAA
365601	GACTTTTGAA	CTGGTGCAG	GGAAAGCCAT	TGAGTGT'TCA	ATGCTTGGTG
365651	AGCT'GCTCTG	TAGGAGCTTA	GAAGATAAGA	AT'GCTGAAGA	CAACGCCAGAA
365701	GATGAACGCC	TGAAGTTTCA	GGTGGGAATT	TAAAGACTCT	TCTGGGGGAG
365751	GGGGGCATGT	GTTATTTTGA	ATTAGATTTC	TATGG'TTCCG	GTTAGCTGAG
365801	GCTGAAGAGT	CATCCGTGAT	CAACAAAGTG	CCAGAACTAC	GAAAGAAGAG
365851	ACCAGCATCA	CTGGGGTGAA	GTCTTCTGGC	AAGTG'TTACC	TGAGAGCACAC
365901	CAGAAGCTGC	CTTCCAGAGG	AGGGTAAGGT	TGTGTCGGAG	TCT'CCCCAGA
365951	TGGGACTGGT	TTTGAAGACA	TGAAGGAGTC	ATGGAGAGAA	GCTGAGGTTT
366001	GGCACTAGGT	GGCAGGCTG	GAGTCCCTGA	AGAGAGGCCA	GGAGAGGCTG
366051	TTGGTGAAAG	GGCAGCCCA	TTGCAGCAAG	AGACTCTAGC	AGTTTGGGAG
366101	TTGGCAGTGC	CATGGATGAC	TATCATGAAG	AGCAGCATCC	ATGGAGTGAA
366151	GCCTAGAAGTG	CAAACTGTGT	GTCTGTAGAG	GGTAGAGCTG	AAGAAGTGT
366201	CCAAGTCC'TT	TGGAGGAGCC	CAGAGATGGT	GAGCATATCC	CAGACAT'TGG
366251	GCAT'TGTGTT	ATT'TACACTG	CTGAAGTTTG	GT'TTGTGTTT	GTTTCAAGTTG
366301	TGAC'TGTGCC	CCCAT'TCTTC	CCTCTTGAAG	AAAGTATTTA	ACTTAA'TTTT
366351	GATTT'TTTTA	AAAGGAGCCT	GAAAAAGTAA	AAAGCTAGT	TTTTAAAAAGA
366401	TTT'TGGATGT	T'TTAAAGAGA	CTGAAC'TTCT	AA'TGTGTTTA	ATT'TGTAAAG
366451	ACCA'TGGGTC	T'TTCAATTT	TGTTTGT'TTT	ATAT'TGTTAT	ATGAATATTA
366501	AAGTACCATT	TGGGGGAATA	AATGAGGAAG	GAAAGGT'TCT	TAT'TAAAAAG
366551	TTATGTGAAA	GTTATGTGTT	TGTGATCAAA	GTTACACAGG	GGTCACTCAT
366601	ACTAGTTAGT	TCTATGTCAA	GTGAACACAA	ACTAGAGTCA	TCAGAGAGGA
366651	GAGAGCCTCA	ACTGAGAAAA	TGCCTCCATG	AGATCAGGCT	TAGGCGAAGG
366701	CTGTAGGGAA	T'TTCTTAAAT	TAAT'TATCAA	TGAGGTTGGA	GCCAGTCCAT
366751	TGTGGATGGC	ACCATCTCTG	GGATGGTGGT	CCAAAGT'GCT	ATAAGAACTC
366801	AGGCT'GAGCA	AGCCACAGGA	AGCGAGCCAG	TAAGCAGCGC	CTCTTCATGG
366851	CCTCTGCATC	AGCTCCTGCC	TCCAGGTTCC	TACCTGTTT	GAGTCCCTGT
366901	CCTGACTTCT	TCAATGATGA	ACAACCGTTT	GGAGAGTCAA	GACAAATAAA
366951	CCCT'TTCCCT	CCTGCTTGC	TTTTTGTATCA	TGGGTTT'TTC	ATCACAGCAA
367001	TAGTGACCCT	AAGATAGACA	CTCAAAATCA	AAACAAAATA	AAACAAAACA

367051	ACAAACAACAA	CAAAAACCAA	CCTGTACAAA	ACTTCTCCCT	ATTCAGAGTC
367101	CCCTAAGTGG	GCCTCTCTCC	TATCTTTTGT	TTAAGGAACA	TGGCATTATA
367151	GTCTAAAGTC	AAAGCGGCTG	TTTTGACATT	TACTCAGAGT	CTTAACATT
367201	TTTCCCTATCA	TCCCACCTAT	GGAAGAGGTG	TGCTTCATTC	ATTTTPTTTT
367251	TCCTTGCTAAC	ACAACTTTTT	TATTTACAGGA	TTTTTGCAATC	CTATCCCCTC
367301	TAGGAAGAAG	AAAATGTAAG	AGAATTTTAC	TTTTTCTCCA	CTCTCTTGTA
367351	GTTTGGATCT	TAAATGTCCC	CCCAAAGACC	ATGAGTTTAA	GGCTTGTTC
367401	TCATCCACTA	CTGGGAAATA	GATGGTAGAG	GTGTGGCCGT	GTGGGGAGAA
367451	AGTTTAGGTCA	TCAGGAGTAT	GTCCTTGCTG	GAAATAGGGA	CCTAAGCCAT
367501	TTATATCATT	CTCTTCTATT	CCTACGGCTA	AGAGGAGAGG	GGATTTGCTC
367551	TATGACATGA	CTCAGCTTGA	AGCTCATTAA	GCCTTTCCGA	AGGCCTAAAG
367601	CTACTTGGTA	ACTACTGACT	GACAGATCTG	GCTTAGCATT	CAAAAGAACC
367651	CCCTCTGTCT	TTTAGCAGTG	TGTGTGTGTG	TGTGTGTGTG	TGTAACTTTC
367701	TCTACAGGAA	TGGAGAGCTA	ACACACTCCA	CCAATCATGG	TCAGAGCCAA
367751	GCCCTGCATA	GGGTCTGTCC	CAGCAGAACA	ATAATTGAGG	TGCTCAGCTA
367801	GTTGGAACAG	GGCTGACATC	ACTGAGAAGG	GCTTGTGCC	TGCTGTGCAT
367851	AGAAACTGGT	GTTCCTCTGC	CGGGGTTTTG	CAAAAAGAAA	AGGTTTAAAT
367901	TCFACAGCCT	GCTGGCAACA	GGCTGACAGC	TCAGATCTGC	ATCCACAATC
367951	TGCTGTGGGG	TGGGGGGTGA	AATTTGCGAG	AGGTAAAAAG	AGGTAAACAT
368001	GCTTGTGTGA	TGAATGACAA	GCTTGCAGCC	TATCTTTTCT	GGAAGGGTGT
368051	ATGAAGCTGA	GCTCTGCACC	TGGGACTTTT	GAACATATAA	AGTCATTAA
368101	CACACACCAC	CTGATTCTCT	ATATCTATT	CTAAAAACA	TCCTGGTCCA
368151	AACTATCCAC	ACCACTAGCA	AAAGGCTTGA	AGGCTTTGCC	TGGA AAAACA
368201	CTTAAAGTTA	AGGAATTTAT	TTTGTCTGTG	GTCTAGGCCG	CAGCTTTTTC
368251	CGCCCTAGGT	GCTCAGCCTT	GATGGCTTGT	CCCCCTGGG	GGCTAGCATC
368301	TCCTCACTGG	CAGCTGGGCA	GCATGTGGGT	GTGTGCGGTG	TGCTATTGGG
368351	GGGGTATTGT	CCCTCCCTGC	CTGCCCTCGG	CCTTCATCTC	TTCTGCTCT
368401	AGAGCCCTTT	CATGGTTTCGT	TCTTCTTTAA	ATATGGCCCT	TTTACTPGCAG
368451	AATGAGCCAG	AGTGGATTTC	TTTGTCTTCA	AAGACTCAGC	ATTAGGACTG
368501	TGAGGGGCTT	CAACACAGAT	TCTGTCTCTT	TTTTTTAAAG	TGGGGGAAAA
368551	ACCATCCATT	CCCTTTTAT	AAATTAGGTA	GATAGTTGGC	TAATCATGTT
368601	TGAAATGTAT	CTTGTTGAGA	TCATCAGCTG	GATGGCCGTG	ATGATGGGGT
368651	ACTATGGAGT	AAAGGGCGGT	TACTCTCAGG	GTTCGCTCT	TTATTTGCTCT
368701	AAGTGTCTAG	CATAGCAGGA	TTCCTTTGA	GCTTATCATG	TTTCAGGACT
368751	GTACATGGGG	AAAAGGACCT	CTCCTCTTAA	TCATCACCAA	TGTCATTTC
368801	TTTCTCTCTC	TCTCTCTCTC	TCTTTCTTTC	TTTCTTCTTC	CTTTCTTTC
368851	AAAATGTATT	TATTTTCATT	CTATGAGTAC	ACTGTATCTG	TCCTTCAACA
368901	CACCAGAAGA	GGGCATCAGA	TCCCATTACA	GATGGTTGTG	AGCCACCATG
368951	TGGTTGCTGG	GAATTGAAC	CAGGACCTCT	GGAAGAGCAT	TCAGCCCAT
369001	CTCTTAACCTG	CCAAGCCATC	TCTCCAGCCC	ACCAATGTCTG	TTTTTCAAGG
369051	CTACCAAGGG	AGTTTGTCTT	AGGCAAAATG	AGTTAAAGT	ATTCCCTTAC
369101	CTGTCTAAAG	GTGATCAGAG	CTATGTAGGT	AAATGGCCGG	CCTCCCAAAG
369151	GTAAATGGCC	ACAGCAGAAG	ACAAAACAAG	CCTCACTTGA	CTATTTGCTT
369201	GGAGGAGAGC	ATCCAAAGAG	GATTGGAAAT	TCAGTTCCCA	AGCTCTGTAA
369251	AAGAAAGTCT	CACAGACATT	CATCAATAGG	CAATAGTAAG	GAGGAGAGC
369301	ATACACGAGT	GTCACAGTGA	GCCCCATGGA	CAGCTTTCATT	ATTGAAGAAA
369351	ATTTGCATTG	GGCAGGTAGC	AAATAGAGGC	ACAAAAGAC	CAACACATAA
369401	GAGAATGCAG	TGGTTTTATA	GGCAGGGA	GAGAAGATCC	CAATTCAAAA
369451	ATGCTGAGGT	TGCCCTGGAAT	CTTCAGGATT	GGATCCCTGA	AAGGAAGAG
369501	ACGCCAAAT	ATGAGTTGAG	GTCTCCTTGA	GTAACCTGGT	GGGACCTAAA
369551	ATACATATGT	TAGGGCAAGA	TGCCACAGAG	TCTCACGTGG	TGACTGCTGG
369601	AGTGAGATGA	ACCATGAGTC	TAGAAAACATT	TCAGTTCTGA	CAGAACACAA
369651	AGATCTTACC	TAAAACAAC	AAATAAAACC	GCAATGAGCA	GCAATGAGCA
369701	GAGATTCTAT	AGGACTAAAT	GTGAGGAGTT	AGCAGTGCC	CGGTCCAGAT
369751	ACAAACGTTT	ATCTAGCACC	CTGTCATAAC	TATGTTAAAT	ATTCTATTAT
369801	GTTATCTATT	TGAACAACAA	TTTCTATTAT	TTGTGTGTGT	TGAGTAGTAT
369851	ATATACTACT	GTGTGTGTAT	GTGTGTATAT	ATATATGGAC	ATATATATAT
369901	ATATATAGTA	TATATACTAC	TATATACTAT	ACTGTAGAAA	GTGCTCATCA
369951	ATATCTCTTA	TACATGAATG	AATGAATGAA	TGAATGAAAT	AGCTAAATGA
370001	TTTTGTACAT	TAGGAAATTA	AAGTCAAAAC	CACGTGTGTT	TGCATTCTGC
370051	AGAAATGGATA	CAAAAAGTTG	GCCTTAAGTA	ATAGCTCCCT	TCAGAGACC
370101	GTAACATG	AATCTCTTAG	AGATTGAAAA	CTATTATTTCT	ACATGTAATT

370151	ATAAACCAAAA	TGGCATTTAA	TTTATCTTTC	TTCTTGGCTG	GGGTGCTACA
370201	CATTATAAAA	ATTTCAGAA	AAGGAATGGC	GGGCGAGGAGC	AAAGTTTTCCT
370251	TTGATGTCGT	AATGGCTGAT	GTTGACTGTCT	AACTTGTAGGG	GATGCGGAGT
370301	AACCAACAGGA	ACACCTGCCT	CATCTGTGTA	CATTCTCTGTG	TGCAACAAACC
370351	GCAGGAATAG	CTGCTAGGTC	TGTCTGTGTG	GAAAGCATCTA	GATGGAGTTTA
370401	ATTGGAGTAA	GAAAGAACCAC	CCTAAACTTG	GATGGCACCAC	CTCCAGAGCT
370451	AAGGGTCCCTG	AATTGAGTAA	GAAAGGGAGA	GTGTCTCCAC	TGGGGTGTGTG
370501	ACCTGGCTTG	GTGGCTAAGA	AGACATACTG	CTCTTGTAGG	TCCTAAAAATT
370551	AGAATTGGGC	TGCTCACAAC	CACCTGTGAG	TCCAGTACCA	AGGAATCCAA
370601	ATCCTCTGAT	CCCTCTCCCC	CTCCCCCTCC	CTCTCTCTCC	TTCCTCCCCC
370651	TCCCTCTCTCT	CTCTCATACA	CACACATAAA	CACGGTGGGG	GAGGGGTCTCT
370701	CAATTAAGAG	TAAATCTCTT	TTTAAAAAGA	GGAGAGACTA	AAGTTTCTAC
370751	TCCTCTGATT	TAGATGTCAGT	GTGACCAGCT	GACACAAAGT	TCCTACTTAA
370801	ACAGTGAGCC	AGAATCAACT	TTTCTTCTCT	TGGTCTGTGTG	GCTTTCATCT
370851	GGCATTCTAG	CCCAGCAACA	ATCAAAGGAA	TTAATGCAAAA	TATTACCTTT
370901	CAATGTTTG	AGATCTACTT	CTCAACCTTG	CCTTCCCAAG	GCTCAATGGC
370951	CCACAGGAGT	GAGTCTGTCT	TCTTGTGGGG	AATAAGAAAG	GGAAGCTGGC
371001	CCTTTCAGAT	TTGTGCTCTT	GTATGCACCT	GTAATGTTGC	AAAAGTAATC
371051	ACCGTTGCTT	AAAAGACCTC	CACGTGTTTG	TAGTACTATG	GCTAAGTCTCT
371101	TGGCTTTCAA	TTCAATTACT	CCTCACTGCA	GCCTTTAAAG	TACCTTGATA
371151	TTCTCTCTCT	TCATGGGATG	GAAAACCTGG	GATCAGGGGT	GAGGTACTTG
371201	CTTATGAGTC	ACATACTGAA	CATGATTCAA	GCAGGACTCT	ACCCTAAACC
371251	TCCTCTCTGG	GACTCTTCAA	CCCATGGGCC	TCATGAGAGC	ATTTCCTTTT
371301	TGACATATAA	GGCAATTGCT	TCTCATTTTA	AATTCTTTGA	AAGTACTCTA
371351	TGCTCTGGAT	AACTTTAGTT	TTTTGCTTTG	TTTTAAATTT	TATTTAAATTT
371401	TTATGTTTAA	CAAAATGAAA	AAAAATAGGG	GGTTGGGAGG	ATTGGCTCATG
371451	AAATGAGACC	ACTTATTACT	TTTCTAGAAG	ATCTGAGTCT	GGTTCCCAAG
371501	ACCCAAGTCA	GGGCAGCTCA	CAACTGCTTA	TGACTCCAGC	TCCAAGGAT
371551	CTGACATCTC	TGTCCTCTCT	AGGCATCCAA	ATTTCATGTC	ATATGCCCTAC
371601	ATGTACATAC	ATCACACAAT	CTAAAAATAT	AAAAACATAT	TCCTTAAGAT
371651	AAATGATTTA	ATCCACCCCA	TCCCCCAAT	ATTTCTCTCT	TAATTGCTTT
371701	TTTTTTTTTCA	ACCACCAAT	CTACTGTGTT	TTATGTCTCT	TGTGTTTTAT
371751	GAGCATGAGT	GTGGGGCCAT	CTACTGGAGC	ATGGATAGTT	GCTCAGAGGC
371801	CACATCTCTG	AAGCAAACTG	ACTCTCTCTG	CTCCAGCAGT	CATGGATTCC
371851	CATAGCTCCT	CACCTAAGGG	TGGAATTTGG	TGACTTTCTC	CACCATTTGT
371901	ACTGTGATCT	TGCTGTGGCT	GATTTGAATG	GGCTCTCATG	ATGCATGCTG
371951	TCATAGCTGC	TGGGAGCCCA	TGTGCATAAC	TGACCTCTCC	TGTTTCCCAA
372001	ATTCTGTTTC	ACTGCAGTCA	CCAACGTCTT	CTGGCTTCTC	CAGTCTTCC
372051	ACCCAACCTT	TCTTCAATGA	TCCCTGAGCC	TCATGGAGAG	GGGAGCAGTA
372101	TTAATATCTT	GTTTAGGCTT	GATGACTTTA	ATCATGCATA	TTTTTATTTAA
372151	TACCACATAAG	GGCTTTCTCC	CTTTTGAAAC	ACGGTCCCTC	TGCCATGAAA
372201	TTGAGAAGAG	TGAGTCTGCA	TAATAGTTTT	ACTGGAGGCC	TTGCAAAATTG
372251	TGGGATTTCG	GTAGGATGCA	GAACTTAAGA	CCCACATTAC	TGTAGACTAC
372301	ATGATGTCTAT	AAACTGGAAG	ACATAAACTC	ATACATTTAT	AGATTAAGCC
372351	TGCTGTCTAC	ACTTACATAC	CTTCTCATGG	TTTCTCTCCT	CAATTTGGGA
372401	CCTTGAATAA	TCACAACCTG	TAGTGAGTAC	CATCATCTAG	TAGATGACCT
372451	AAAGAAATGCT	CAAAATGCTA	CTTCTGCCCT	CGTTTCCGGG	GGTAAAGGCCG
372501	GGTAATTTTA	CCTTTCTGAG	TTTCCCCAGC	CTCTTGGGTG	GTGCTACCTG
372551	AGGCTCCAGA	TGTTCTTCTT	GGCTTCAAGG	ACGTTTGGTC	TTCACTATCA
372601	ACCCATCCCC	CAAAATTATAT	AAACCTGAAC	CATGCTGGCT	GACCTCTTGA
372651	TATCACAGCT	CAACCACAGC	TGGAGACTAC	AAAACATTTT	GCAGTTACTC
372701	TTACTAGTGG	ATTACATAAT	AGACACATCC	TATCTCAGCT	ACTTGAATGG
372751	GGAATAGAGT	CCTCTCTTGT	TCGTGGCTGT	GGCACTGCTT	TTTTGCTGTA
372801	ATCTTTTGAT	TTTTTGTATG	AGATATGCTG	GCAGTCAGTA	TGTTTATATT
372851	TTTTCAATGG	AAGTCAAGTG	TGATCATTTA	GTGCTCTCTA	AATATGGGTT
372901	GTTCGTGACT	CAGCTGGAAT	TGCCATAAGA	GTTTATTTTAA	TCTCTGCAGA
372951	ATTTCAGATAT	TGTTCAACTC	TAGCCACAGC	CAAGGTTCTG	GCTTTCACTCT
373001	TAGTTACTCT	CTGACTGTCC	CCTTTGGAGA	CCCTTGCTG	CCCTTCCACT
373051	TCATCTATAA	AGATTGACTG	CCAAAACCTCT	GTGCAATTTT	AGGGATTCTT
373101	TTTTTCAATT	CTCTAAGCTT	ATTGTTAAAT	TATTATGTGG	TCCATCTCAT
373151	TGACCTCTCT	TAACCCGATG	ATGGTCGTTT	CTAAAGCTGT	GCTTCTACTGG
373201	AAGCTTTTAG	GGCTTCTCAT	TTGATAGAGA	AGTTTACAGC	TTGGTACTGT



373251	AGTCTTTTCCC	TCATAAAATCC	CCCTGATCTA	TTTCCCTTTTG	TCTCAATGAC
373301	CTTCTCAGCT	GACATCACCT	TTGGGCTGGT	TGCCTTGAGA	AACGGGAGAG
373351	ATTGGGTATG	ACAGCACATA	GCAAGCATCC	TTAAGGCATG	GGCAGTTCTA
373401	AAGTAACCGA	ATCTCAAGGC	TGGGTGGGTA	CTTGATATGT	GGTGTAGTCT
373451	AGATCCCTCC	CCACACAAGA	ATTCTGTTCT	GAATATTTCAC	AGTCCCTCTC
373501	CTCTGCTAGA	ATCCTTCCAA	GCAGAGATCA	TTAGTTGGGT	GAGCCAAGTC
373551	TTCTCTTTGT	TCAAGTTCTA	ATTGCTAGAG	TTATTCAATT	GAACCTTGCT
373601	TTCTTCCCAT	TAGTTCTAGG	TGTGCTGTTG	GGAGCAATAC	AAGTTAAGGG
373651	TTGATTTCTT	AGAAGACCAT	ACTAAGTCT	CTTGATATGT	GGGTGTCTCT
373701	CTGACTGACT	TATACTTAGT	CGGGGTTCTT	GTAGTTGTAA	GTAATAGGAA
373751	GCAACTCTGG	CTAAGTATCT	CAGCTTTCTT	TGTCCAAAAT	AGAAGTACTC
373801	CAAAACTTGG	TGCCTCAAAG	AAATGCTCAT	TGCCCTACAG	ATGGTCTGGG
373851	CCAGAAATCC	AGAAGCAACT	TACTAGGTGA	TTCTGGGCCA	GGGNTGTCTC
373901	ATAAGGTTTC	AGCCAAAAAT	GTCTGTGCT	AGTCATCTGA	AGCATTGACT
373951	GAGAGTGTGG	CTCCCCTTCT	GAGCTCTCTA	CCATCACTAA	TGGCAGTAGG
374001	TCTCATTTGT	TTTTTCAGCCA	TTGGCCAGAG	CCATCCTTCT	TTTTCACTTT
374051	GGTATATCTC	CAACACAGCA	ACTGGCCTGG	TAGCTGCAT	AAGAAGGACA
374101	GGCAAGGCAG	TCCTTGTATG	ACTTAATCTC	TGAATCTCGT	AATAAGGCTT
374151	TCTCCCTCTC	TCCCTCCCTC	TCTCTCTCTC	TGCTCTCTCT	TCTCTCTCTC
374201	TCTCTCTCAC	ACACACACAC	ACACACACAC	ACACACACAC	ACACACTTTC
374251	ATTATTCTTT	TTTCCAGTGT	TGAGGATTGA	ACTCATAGTC	TCATGAATGT
374301	TAAAGAGGTA	CTCTACCATT	GAATTAACAT	ATACCTTACT	TTTTATATTT
374351	AGTTTATAGT	AAGTATACGG	TCTCTGGACC	AGAGCCACAA	TGATTTATTT
374401	GTTAGAGTAG	ATTTTCAGTAG	CTGTTCCTTG	TGTCCTTAGA	GAGTCTAGGA
374451	AGGACATGGG	CCAAGACAGG	TTGATCTTGT	GCAGGCAGAA	GAGTCTGTTC
374501	TACAAGATGG	GGATTATCTT	ACATCTGGAA	CATTTTATCC	AGTACCTATC
374551	ACAGAAAGGA	GACAGGACCT	ACAACGTAAA	GTAATAGTCT	CTAGGGGGAA
374601	ATAGGAAGTA	CTCTGTCCAG	GGTTATGAGT	ATATGGCCTT	GGGGAAGGTA
374651	AGATAGATTT	TATAATAGAT	GTCAATTGCA	CTAGCTGGGC	AGGTGACTGT
374701	GCACAACTTT	AATCTCAGCA	CTCAGAAGGC	AGAGGCAAGT	GGATCTATGA
374751	GTCTGAGGCC	AGCCTGGTCT	ACAGAGCGAG	TTCTAGGACA	ACCCAAGGCTA
374801	TACAGAGAAA	CCCTGTCTCA	AAAAAACAAA	AACAAAATAC	ACCCAAGCAA
374851	CAACAACAAA	AAAGAAATCA	ATGTCTCCCC	TAAAGGGTGT	TTAAAGCTCT
374901	ATGGGATTTG	AGGAACAAAT	TATTTTCTAT	ACTGAAAGTC	GTATAGCTCT
374951	GCCCCATTAT	CCAAAGTGCT	GGGATCACAG	GCTCCCACTA	AAATGCCCCAG
375001	CTGATGTCAG	GGCTGGGATT	AGACCCAGAG	GTTTCATGCT	TCAAGAACAG
375051	CCCTCTGCTG	ACTCAGCTGC	ATCAGAGACT	CATACGCGGT	CTTTAGAGAG
375101	TGTGTCAGTT	CCCCTGCTCT	AGAAAGAAAG	CTCTGCTTTG	TAGAAACATG
375151	GGGATAGCCG	TAGTGTTTTA	CAGTACCCAC	CCCTGTCTCT	TCTTCTTTCT
375201	GTTTACTAGA	AGTAAGGTAC	TAGGTCAACC	CACATTCAAG	GCAAGGTGAT
375251	TCGTGTTTCTA	CCTCATAAAG	CCCAACAAA	CTAAAGAGT	TATACAATAA
375301	AAAATAAAAA	TAAAAAGTAG	ATATGTCTAA	GCCATCGCAT	GCTACAAAAA
375351	CAACAACAAA	AAACACCAAA	AAAATTACCA	CACACAACAA	ACCCATCCCT
375401	TACCAATTGA	ATATGTAATA	AATATATAAA	TGTATGCAAT	CCCTTTCTCT
375451	CAGGTTCCCTG	CAAGGGACAC	CCTATGACAT	GTCATCTTAT	CTTACAAAAAT
375501	GGCCACTCTGC	ATGAAGACCA	GGTGACCATG	GGGTATTTTG	TGGTAGCTCC
375551	TTAAATACAC	ATCTACTTAA	ACATCCAATCA	ACTAGAGTAA	AAGCTGTCTT
375601	CTTCCCTTCCC	CCAACACACA	CAGCGAGACA	GGCATGGGCT	AGCCAAATTA
375651	GTTGTTTCTG	TTCCCAAGC	AGGAAAAACA	GAAGCTGGTC	CTTAGCAACG
375701	TTGAGTTPCCA	ACTGGCAAGC	GTTACAGCTT	TGCAGTCCAA	TCGGGGAATG
375751	TTAGAAATGG	ACTGGGGCTC	ATGGTGAAG	ATTAGTCTCC	ATAACTTCTC
375801	CTCAGGGTTC	TTAGTTCTTA	GTTCTCTCTT	TTAAAGACGT	CCTCCAGAC
375851	CTGGACTCAA	TTGGTTCACAT	TTTCAAGTGT	GCAAAAGCCA	ACCAAGCCCA
375901	GCCAAAGCAT	CACAGAGTGG	AGAAAGGTTT	GTTACAGCA	CAGGCAACGA
375951	AACACAGAGG	GTATATCTAA	GTTCTGCTTT	TCTGGAACAA	AGGCAGGGTT
376001	GAGAGATCCC	TCAAGGGAGG	CTATAGCTGT	TCAAACAGCT	TTTACTCTGT
376051	TTCTGAGTAT	GCTTAGTTTA	AGGTTCTGTT	AAAAGACTGC	AGACATTTTG
376101	GGGCATGCTT	ATCTCATGGA	ACACATGCTT	AGAGGATTAA	CATGATGTCT
376151	TGGAATACCC	CTGGGCATTG	CACCATAAAT	TCTCAGCTGT	AAATAAGAAA
376201	ATGACACCAT	GATAGTTTAA	AATTTGGCTG	ACATGGAAGT	GGGCAAGAGA
376251	TGGCTTTCAA	GAGGGCTAAA	GATAGCCCAT	GATAACGTGT	CTCTGATCTA
376301	TGACATTGGA	CTCTTTGGAA	GCACAGAGTT	TAGACCCCTG	GCTCTGTAGA

376351	CTCTTCAACA	AATGTTACAG	CTCTCCTTTT	TCCTGGGAAC	TTATGTTTAT
376401	AATAGTTAAG	ATTTATCCAG	CACACATTTC	TTCCCATGTT	CTTTGAGTCG
376451	GGAACTTTAG	AGCCGACTAA	ACTTTAGAAC	CACTTTAGGC	GTTTCTGCAT
376501	GACATCATTC	TCTGAAGTTA	TAGTGAAGAT	GTGGCGGA	AAGATGTAAG
376551	GAACGGTATG	GGATCAGGAC	CCCCAAGACC	AAGTTCTCAG	CATGAAGGAG
376601	ATTTATTTCG	TCCAAAAGGA	CAGAAGGCAC	GGAAATAAGG	AGAAAGACAG
376651	GAGATGGGGG	ATGAGGAAGA	AAGGGAAGGG	GGCAAAGGGG	AGACGGGAAA
376701	GATATTTTGC	CCAGAGGGAC	AAAGGACTAC	CTCTGGATAA	AGAGAGAGACA
376751	GACATGGCAC	ACAGGCAAT	GGAGGTTTAT	ATAGCTAAAG	AGGAAATTCC
376801	ATGTTAGGAT	GAGGTGTTTA	ATTTTAATTG	GGCATGTTAA	TTAGGTGAGC
376851	CAAAAGGGTC	TTTTGATTGC	TAGACTTCAA	TACTTCTATA	GCTGGACCTC
376901	AGCAGTCACC	CTCAGGAGGA	GGAAGTGGTC	CAATAAGGGA	CTAGACCCAG
376951	ATGGCTAGCC	TTAGGAATAT	AATCTAACAG	TGTTTTCAGCA	GGGAATGGGG
377001	AAGGGTGAAG	CCCGTTGGAG	CCAGACTGAC	CATGCTCAGG	CTAGTCCAGA
377051	GTCTCTTCAG	ACACTTACAG	AAAAATGCCCT	TGGATTTTGA	ACCCTAACCT
377101	CACAGATGGA	ATTCAGGTCT	GGGAGGAGTC	TGGCTCTCCA	AGTGGGGAAG
377151	TCCTGCCCTT	CAAAAGGCAAG	GGGAGCTCCT	GGGGCTAAGA	CTGTGGTTGG
377201	AGCCAGCAGG	TTGCATGTGC	CGCGGCACAT	GAATGGCTAA	GTCCTTAAGA
377251	GAACATTAGG	CTTGAGGCTG	GGAAGGAGTA	GGCGCCCACT	ACACAGTCCA
377301	TAGCTATTAG	GGATTAACT	ACCACATCAT	ACAGCATTCA	AATCCCCCAT
377351	CAGCTACTGA	CCTTTCCTGGC	TACGTAGTGT	TTCACTGAAG	TCCTTCTGAC
377401	TGTGCGGTAT	TTAATGCCCT	CAGCACATTC	CATCCAGTTG	ATAGAACAGA
377451	CGGGTTATTA	AATACACCTA	GAAACTCTGC	CCAAGGCTCT	TGTTTTTGGG
377501	CTGAATCAAA	CGAAAGGAAA	TTGTACCAC	AGAAGTCTGT	GTGAAATTTG
377551	AGTGCTGTCT	CTGAGGTTC	TGAGAATACA	TGTACTTGAA	TCCTCTCCCT
377601	GTCTAGCCCT	AGATCCTTCA	GATGTGGACA	TGGGTGTTCA	CACATCCAGC
377651	ACAGTTAACA	TCATTTGCTC	TAAGGTTTGC	CAAAAACGCTG	ATAATATCTC
377701	TTTCATTTCAG	AGATGTTTTTC	TATTAGAATA	GCCCTGGACC	GAGCTTTAGG
377751	CCTGAAATACA	TATGACCTTA	TTCTCTTCTA	AGATAAATTC	TGGGAACCTG
377801	AGGCAAGACT	GTTAGCTTTG	TTTACAGTAA	GGACATCCTA	ATGCCCTGCAT
377851	CCTTGGCATC	CAGACATTAA	CCTTATCCGT	TGTAATCCCG	TTTGGTGCCT
377901	TTGGGAACCA	CACGTGAATT	TCATGTAAGT	TTCTTACGTA	AGCCTTTAAG
377951	GATAATAGCT	TTAAAAACCA	TGGAATATGC	TCTTAAGGCA	ATTTTAAAGC
378001	AATAAAGTAG	GGCTTGCTTT	TTGAGATGCC	CATACCTATG	TCTAGGGGTA
378051	TGTCCTTCTT	AACCCCTATA	TTTTAAAAAT	CTATATTAGG	CTGGAGAACA
378101	TTGTTCAAGA	GCACCTTCTG	CTCTATCAGA	GGTTGTAGGT	TGTATGCCAA
378151	GCCCTCACAC	GATGACTCAC	AACCAATCCC	AGGGGATCTG	ATGCCCCCAG
378201	TTGGTGTTC	CATGTCCCAA	CACACATGTG	GTACATAGAT	ATAAATGAAA
378251	GCTTAACACC	CATAGACATG	AAATAAAAA	AAAACCTCCC	AAAATCTATA
378301	CAAAAAAATA	TCATCCCAT	AACCTAACT	TGCTTTCATC	CTGGCTGGGT
378351	CTGAAATTCC	CTCTATATC	AAATTCGAAG	ATCTGGTTTG	AGTCGAGGTC
378401	CCTAAAAGAT	GAAGAGAACT	CCTCGGGCTG	CTAAGGGCGA	TGGCACTGAG
378451	ATCCCTCCTC	ACCAGAAGTC	ACATCTTTGA	ATGTGCTAAG	TCACAGGCAG
378501	AAAACGCTCC	TCTATCCTAG	CCACAACCTT	TCCGTAGATC	CACGCGAGTG
378551	TTTCTGCTGA	CCCTGTGCAC	TCTCCACTCC	AGGCCCTTCT	CAGCTTTCTC
378601	AGGAAAGCTC	CTTTCACGTC	CACGTGTTCC	TTAGAAGTTG	CAATTATGTC
378651	TTGTTATTAA	TAAGCTATTT	TCCTTCACCA	GAATAACAAC	TTTCTCTGGG
378701	GAAATCTGTT	GCTTATTATG	TATGTTAACGG	AGCCCAATGC	TTGGCCAATG
378751	TGCTGGCTAG	TTTGGTTTGG	TTTGTTTTGG	TTGGTTTGGT	TTTGGTCAAC
378801	TTGACACAAG	CTAGAGTCAT	CCGAAAGGAG	GGTAACTCAA	TTGAAAAAAA
378851	TACCCCTATG	AGATCCACCT	TAGAACAATT	TTCTTAAATTA	GTTGATGTAT
378901	GGGGGAAGGT	CCAGCCCAT	GTGGGTAGTG	CTATCACTGG	GCTGGTGGTC
378951	CTGGGTTCAT	TAAGAAATGCA	GGTTGAGCAA	GCCATGATGA	GCTAGCCAGC
379001	ATCAACCTCT	CAAGGCCCTC	GTGTGAAGCT	CCTACCTGCA	GCTAGCTGCC
379051	CTTCTTCAGT	TCCTGTCTCT	TTTGAGCTCC	TATCCCGACT	TCCTTCAGAG
379101	ATGCACCATG	GTGTGGAAGT	GTGAGCCAC	TAAACCTTTT	CTCTCTGAAC
379151	TTCTTCTCTG	TCATTGTCTT	TCATCACAGC	AACAGTAACA	CTGACTGGGA
379201	CAGGATTGTG	GGGTATTGCT	CGCGCAGACC	TGACCATGTT	TTGGAGAGGA
379251	TCGTGGGAAG	ACTTTTGGAA	CTTTGGGCTG	GAAAAAGCCT	TGGCTGTTC
379301	AAAGCTTAGT	AGGCACTCTA	TGGGAGCTTG	GAAAACTAAG	AGTGGTGAGA
379351	GAAATGTGGG	CGACAGAGGC	CTAGTTTGTG	AATAATCAAA	GGAAGGTTTG
379401	GGTAGTAAAG	ACTCTATCAC	AGCTGTTCCG	CGTATTTTGT	GTTGAGACTC

379451	TGTGATTCTA	GTCAGCTGGG	GCTGAAGAAT	CCGCTGTGAT	TAACAAGAGA
379501	CTGGAACCAA	TCAAATGAGA	CCTTTGCTTA	CTGGGACAAT	GGATAACTGG
379551	TCAGCCGGAG	CTAAGCAAAG	AGCAGATCGC	TGAGGTGACA	TCTGGAAAGT
379601	GTTTTCCTCA	AGTCCACAGT	CAGAAGCTGT	GTTCCAGAGT	TGGTCAAGCT
379651	TGGACCTCAT	GCTGGCAGCT	GGACTTGACA	GTACTGGTTT	GGAAGGCGCA
379701	AGGGCTCATA	AAAAGCAGCT	GAGGCTTGCC	ACAGAGAGAG	GCCACTGGAG
379751	AAAGTGCAGA	CTCAGCACAG	TTGAAGGCCC	AGGTTTGAAG	AGGTC AAGGG
379801	GAGAAAGTTGA	GGCTTGGCAC	TGTGAAGAGA	GTCCTTCTCT	TGTTGGTGTG
379851	CTTTCACACA	CGAATAGTAA	CCCTGACTAG	AACAGCCGAT	AGGTGCCAGC
379901	CTTTTGCACAA	TTAATTAATT	CACATTTGCA	TAATATGCAA	AAAAGTTATT
379951	TCATTAGGAAA	GAGGATACCC	TTCTAGGATT	AAATTCATCA	GTCGCGAGAA
380001	AACATCGGTA	CCATCGTGAC	TGAGTTTTCT	TTCTGTCCCC	ATGAAGTTTG
380051	ATGGTGTATA	GATTTTTCTT	CTGTGAACAA	CGTTCAAATG	TCTGAAGACC
380101	TGTGAACAAT	TCTTAGGGCA	AAGACGTCAC	CTGGGATTGC	TGAATTCATT
380151	CACACAAAAA	AAGTCAAGAG	CCAAGATTGT	GGCCTGAGGT	AAGTTTAGAA
380201	ATAACAACGT	TGGCCAGGGC	TGGACGAGCC	ATTAGTGTGC	GCGACACAG
380251	TGGCAATATG	CTAAGTCGAG	ATGATCCTAC	TTCAAGATCC	TGAATTTTAT
380301	TAGGTCATCA	AAGACTCCAT	AGGAACCTCG	CACCTGCGCT	ACAGCAGTTC
380351	ATTCAATTCAA	GAGCCAGGGG	AGGGTGTACT	GAGATCCCTG	CCCCACTTAA
380401	CTGGGGAGAT	AATGTGGCTT	GGCAATCGGG	ATATTCAAAG	GACATCTGTC
380451	TGATTGGCTC	TAGACCCCTC	GGGGAATTGT	CTGGGGGGTG	GGGCTGGGGG
380501	AGATTCCCGA	TGTTGTCTCT	TTCTCTCTGT	TTACCGGTCC	AAGCTGATGC
380551	AAGCTGTGTC	CCACCCCTTC	TTACTACAGC	CTCTTAGCTT	TCAGGGAGCT
380601	ATTCAAGCTCA	CAGGGATATA	CCTGATTCTT	CTGTAAAGAT	TATTTTCATA
380651	CCCTCTCATA	CCTCCTACCT	TCCTTCCTCC	GTCCTACTGC	ATGTTCCATA
380701	CGGACTTCTG	GATCATGTCT	TTATACACCA	TCTTGACTCA	TGAATGCTAA
380751	CATTTCCCCCT	GGCATTCAAG	GTGCTCTGTT	CCAAGGGCTG	TCTTTCAACA
380801	CGGGTGTCTT	TGGGCAATGA	AACGAATTTT	TGAGTCTCTT	TGTTCTGATG
380851	TCGTGTGCTTC	CTTAATGAGG	TCATTTAAAA	AGATCACACA	AGAATGTCTG
380901	TCCGTCTGAA	CAGGCTAGGC	CGACCTGTTA	CCACACCCCC	CTTAAGACTC
380951	CACAGCTTCT	TCTGGTGTCT	TGTGCTCACA	ACAAAGTCCC	GAGCTTCACG
381001	CTCACCAACA	GGTCTGTGGA	GCAGCCTTTA	GCTGGAATGC	ATAGCGCATG
381051	TGCACCAAGG	ACAGATGTAA	GAATTTGCCCT	TATGTAAAAA	CCAGTTCCCTG
381101	TAGGGTATGT	GTTTAGATCC	CAACCATCGT	GAATCACATA	ACTTTTTCGT
381151	CTCCTAGTGT	CATCATCTGG	ATGGGTCACT	ATATAAGTTT	ACTGGAGAAA
381201	TCATAACAAA	TAAATCATAA	CTTGACTACT	TAAAATAGCA	TAAATGCTCA
381251	CAATTTCTGG	AGGTCAGAAG	TATAGGGTTA	AGATGCTGGC	AGGCCCTCCA
381301	TGGCTCTAAA	AGAGACTGAG	CTTTGCTTCT	TACAGCATCT	AGTGGCTATG
381351	ACATTCCCTG	ACTATTGGTC	CCATTGTTCC	AACCTCTGAC	TTATAAGATA
381401	TTTGTCAAGT	AAGCATTTAG	GGCAGATCTG	GATAAACCCG	GATGACCTCA
381451	TCCTCAAGATT	GTTAATTACA	GCTTTAAAGC	CCTTTCTTTG	AAATAATATG
381501	ATAGCCATAG	GTTCTAGGAA	ATAGGACACA	AGAAATATCT	TGGAGATCAG
381551	CATTTAAACCT	ACTGCAGTTA	CCAGGTGAGT	AGGTAGGTCA	CTGGATATTA
381601	TTTAAAAATGA	GATTGGCTTT	ATAGATAACC	TTTTTCTTTT	AGTGACCAAA
381651	GACTTAATTT	ACATCCAAAT	ATTAAGGAAC	ACACAGCTGC	CAAAATTTCCC
381701	AGTGACGTGC	TGGTTCACAC	ATGTACCAAG	TGTGACATGC	TGGTTTGCAC
381751	ATGTGCACAT	ATATGTAGGA	CTGACATGTT	GGCTCACACA	TGTGTACAAG
381801	TATGTAGGAT	TGATGTGTTG	GTTTCACACAT	GTGCTATGTG	TATAGGATTG
381851	ATACCATPGT	TCCCCCTGAG	GTTACTTTCA	GACTATCAAT	GTCTCTATCA
381901	TACAAAATGAA	CACATAAAGTA	TGAAAACCTCG	GATTTTTTCA	CATCTGACCA
381951	AAATGGAAGA	AGGGGAACTT	TTCCATGTAA	CTCTGGACFA	AGGCTTTCTA
382001	GGAAATTCCT	TGGGGCAGTC	TGTACCCAAA	AGACAAAGTC	ATTATGAGAG
382051	ATGTTCCATA	AGAGTCGTTT	TAATTCCTAA	GAAGTTTTCG	CCATGATTAA
382101	TTATGTTTATA	GAATAAGTTA	TACTTGCCTC	TGGGCTTTGG	GGAAGAATTA
382151	GATGTAATTT	GGTGCTTAGG	AGGGAAATGT	CAACCTAGCC	TTCCTCGCCT
382201	TTGTTTTGTT	CTCCCTGGCT	CTTGATAAAA	GTTAATGAGG	CACACTTTTC
382251	CTGTTAGCAC	ACGTCCTGTC	TCTTGGTGTA	GAAATACACT	GATGCTCTAT
382301	CCCCCTTTTC	TGTCATGTGA	TGAAGGCCGG	GCGACTAGAA	AGAGTGGTAA
382351	TTTGTGTGTA	TGGAAATGAG	CTAACACAAA	GCAATGGGGT	TGAACTTTGC
382401	CTGGAATATC	TGTGGAAAGG	TGAGGGGAGG	GGTAATACAG	CTGTACCCAC
382451	AAGAAGCCAC	TGTGCTCAGA	GAGACGGGGT	AAGGTCTGCG	GTGGGCTTTT
382501	CTATGCTTCT	TCACACTTGA	ATATTCTGAG	CCTACACTGA	TCATGAAGAA

382551	GTGGCCAAGT	CCCTGTGAGC	TTTTCCTCC	CCTGAGTGCA	CTGTTTCAGTA
382601	GGTTTACGAT	CCAGGTTCTG	CATTTCCTGG	GTAATAATGTA	CTCCCAACCTT
382651	AATAAAAAAGC	CTTAACCTGG	AGGCATTTTT	AGCAGCTCAC	TTTACTTTTCC
382701	ACAGTTPACAT	TAGCTGCAGC	TTCTAATGAT	GTCTTGAATA	CCTTTTTCGAT
382751	GGCCCCTAAT	GACAGAGCTG	TCCCCCTTGA	CCATATCTGG	ATTATTTGATG
382801	CTGACTGTCC	CTCCCCCTCC	AGCCTTTAGA	TCTCATTCAA	TCTGGCTAGT
382851	TATAGTAAGT	CATCCTTGCA	GCCATGATGA	ATTGATCCAA	AGGTGAACTC
382901	GTGAGGATTA	CCAAACCAAT	CACGGTTATT	TCTCAGAACC	TTTCAGATGA
382951	GAACTTAAAA	AAAAAGGTAG	TTTCATTTTTG	GTGGGGTAGG	CTGGCCTCTG
383001	GATATGGTCA	TGTGGATCAT	GTCTTCAAAG	AAATPCTGTT	AAGAGAAATA
383051	ATGTGCATAGA	ACAACAGACA	AAAGATGTAA	AAGAGAGGGG	GTGTTGAGAT
383101	GGCACAGGAG	AGGGACACAT	ACTGTCAAAC	CTGGCGTCTC	GAGTGCCTGC
383151	CCTTAAACCC	ACAGAGCAGG	AGAGGAAGTT	TTCTCTGTAC	ATCCACACAT
383201	ATAAAGTAGC	TTGTTCCTACC	CCAAAGTGGT	TTAATTTATA	AGATGGAAAG
383251	CTGCTACTGG	CCACAACCAA	GTCTGTAGCT	GCCTTGTCTC	CATGCTCCAG
383301	CTTCACCTTC	CACAGTCTTG	AGAATCCACCT	CCAACAGACC	CCCTTGTCTG
383351	GACTCCACTG	TTGATGAATG	GGCTTCTTGA	GTCTTAGCTG	ATGGGTTCCT
383401	TCACCTTTTC	TGACTGGGAC	GAGAGCACTC	TCAGTCAAGT	TGTTGGCGTC
383451	TTAGGAAGCT	AGGGGTTTGT	GTGACCAAAG	GAAGGAGTCA	CAAGGCCCTT
383501	AGAAATACCTT	TGTTGTTAACA	TGAGGAGGCA	GCTCAGTGCT	ACAGTGCCTG
383551	CCCAGCATGT	GTAAGCCTT	GAGGCTAATT	CCCAGCAAAA	CACACACACA
383601	CACACACACA	TACACACATA	CACATACACA	GAGAGAGAGA	GAGAGAGAGA
383651	CAGACAGACA	GACAGAGAGA	CAGAGAGACA	GAGAGAGAGA	GAGACAGAGA
383701	CAGAGAGAGA	CAGAGAGAGA	GAGAGAGACA	GAGACAGAGA	CAGAGACAGA
383751	GACAGAGAAA	GAGACAGAGA	GAGAGACAGA	GAGAGAGACA	GAGAGAGAGA
383801	CAGAGAGAGA	GACAGAGAGA	GACAGAGACA	GAGAGAGAGA	GAGAGAGACA
383851	GAGAGAGAGA	CAGAGAGAGA	GACAGAGAGA	GAGACAGAGA	GAGAGAGACA
383901	CAGAGAGAGA	GACACAGAGA	GAGAGACACA	GAGAGAGACA	GAGACAGAGA
383951	CAGACAGACA	GAGAGACAGA	GACAGAGAGA	CAGAGACAGA	CAGACAGAGA
384001	CAGAGAGACA	GAGTCATCCA	TCCTTACCAG	GCCAAAGCTG	GTTATTACAC
384051	TCGTGCTGGT	AAAAAGGCTG	AAGCAGGAAA	ATCAAGAGTT	CAGATTTCAGC
384101	CTGGGATACA	GAGCAATATG	TTGTGAGCAT	GTTATTACAG	AAACATAGAT
384151	GACATTGTGT	CTCTCCACAA	TGTCAGAATG	CATTGAGTAA	AAATAGATT
384201	ACAAACTATA	TCACTTTTGC	TGTTTGCAT	TTGCCAAATA	ACTCCCAGTT
384251	TCACTTGGTA	GCTGGTAGTT	GGCTATCACA	GGTTTCTTACA	TCCCTACTCT
384301	TACTATTATA	CTCTATGATC	ACACATTATT	CTTTTATATA	GTATGTGTGT
384351	GTGTATGCAT	GTGTGTATGC	ATGCATGTAT	GTGTATGCAT	ATATGTGTGT
384401	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GAGAGAGAGA	GAGAGAGAGA
384451	GAGAGAGAGA	GAGAGAAGTT	AAGGAAGTTG	TTGAGTTTCT	AAAGGTTGTC
384501	CTGAAATTTGA	GACAGAGAGC	TAATACAGGC	ACAAGGGAAC	GTCTGTAGCA
384551	GGCCATGTAA	GAAGTCTTGG	AAGCATCAGG	CCTAAGAGCT	GTTCGAAGCAT
384601	AGGTGGTAGA	TGCCATTTTA	AGGGTCTAGG	CACATTTGGT	GAAAAACCAA
384651	ATTTAGTTCT	TTGATTCTTC	TGGTTACTTG	TCTGAGGAAG	ATGGAGTCAA
384701	GGAGCCGAGC	CCCCTGCTGG	ATTTGCTGTG	AGGGCTTTAA	TAGAAAACAA
384751	GAGAAATGATC	TGGAAGAGCTC	TTGGAACCTG	CTGGGCGGGA	GAGGGGGAGG
384801	GGTAGATCCG	ACAGCCAATC	ATGGAATAGG	GGGAGGAGTC	GAGGCTTGGT
384851	CGTGCTTGGT	AGAAATCTAC	TCAGTGGAAA	AGTGAGCTTA	GTAGATTAT
384901	AACATCTGTC	CTAATGCATG	GGTATATCTA	GATTTCCCAT	CTCGCTGTAA
384951	AGAAATGTCCT	TGTATGGTGT	GAACAGGGCA	GGAGGTTACA	TCTTACTGCG
385001	CTGATAGAAC	CTTCCAGGTA	GTCTAGGTCT	ATTTTCACTA	ACATACACAT
385051	CAGAAATCTT	CAGTTAGATC	TTAGCTTCTC	CTGGGGAACA	ATGTACTGAT
385101	CCGACGGCCT	TCAAATGCTC	ATGTCTCTCT	GAAGGTGCTT	CTGCAATGCA
385151	CGGGCAAGC	TGATATCCCC	ACCAGCCTCT	TGAATGTGAT	TAACGAGAGC
385201	CTGACTTGAA	GATAGATAAA	TTGCTGGCAT	GCTGACAAGG	TCAGGTTTTC
385251	ACTTTGTCTA	ATCATFCAGAA	CACTGGGGTT	ATAAATTTGT	AAGATAATAA
385301	ATAACACCAA	GACTGCATCG	TTAGCTAAGT	CAGCCAGCCA	ATATTTTGT
385351	AGCAGGGTAT	GCTGCATAG	CTATCTGACT	GAGAAGGCAT	ACTGAACTTT
385401	TCTCTCAGGC	GCATTCTCAA	GTACAGGAGC	TAGCTCTTTT	GCAGTCACTT
385451	GTCGTCTGTT	CTGTCTGTTA	AGAATTTTCC	TTCCTGTTCT	TCCTTCTTTT
385501	TAGACAGGGC	CTCGCTATGC	AGCACCCATG	TGCCCGGAAT	TCACTTTATA
385551	GTCCAGACTG	GCCGTTAATT	CGTTGAGATC	GTCCCTCCCT	TGACTCCCAA
385601	ATGCTGGGAT	GGAAAGTGTA	CAGCATCGTG	CTTTGTGCACA	TTTTGAACCT

385651	GAATACAACC	TTGTTGGGGA	AAATCATTAT	AGCAAGGTGA	AAACATTCAA
385701	GGTTGGAGAT	AATACCAAAA	GTGTCGACCG	ACTGGCGAGA	TGGCTCATCG
385751	GCTGAGATCA	CTGACTGTCT	TTCCAGAGGT	CCCCGAGTTCA	GTTCCTAGTA
385801	ACCACATGGT	GGCTCATAGC	CATCTGTAAT	GAAATCTGAC	GCCCTCTCCT
385851	GGTGGGTCTG	AAGAAAGCGA	CAGTGTACTC	ACATAATTTT	TTTTTTCTTA
385901	AGTGTTGATG	GAATGAATGT	GGGGGGGTCC	CTGAAAAAAA	ATCATACCTC
385951	ATCGGCTGCC	TCACACAGGA	GAGAAGTATG	TGCTCTGGAG	CCCAACACTA
386001	GATTTCCATA	GAGGCCATAC	TCGTCTCTAA	GCAGGGATCG	AGGCCAGTAA
386051	GAATGAGACA	GCCATCTCTA	GGAGACAGAG	GACTPCTCTG	ATGCTCTGCC
386101	TTGGCCTGAG	ACTTCCCATC	AGTCTTGCGA	AACTCTCTCT	GGATGTGACA
386151	GTAGTCTAAG	ATGCTCTCTG	CTGGTGTTC	TCCCGGATG	GCTTCTTGGG
386201	GTPGCGGTTT	GACTGTGCTT	ACTTATTAAA	GTTTGCCCTG	GCATCTGTTT
386251	TTCAAATGCC	CCAGATGAGC	ACCATGAACA	AGCCTTGCTG	AAATCCCAAC
386301	ACAACAGAGA	AGTAGACTCA	AGGTGGGGTT	CTAGAAAAAC	AGAGAGCTGA
386351	TAGTTACCCA	GGCATGATCA	GTGAAGGAGT	GGGATGCGAG	GTTTCCCCAC
386401	GTTAGACAAA	GAGCAACAGC	AGGGAGCATT	TTCTTGAATG	TAGAGCTCTG
386451	GGGAATGGAT	TGCTTTATAG	GAGTTAGAGA	GTTTCCATAA	GGATGTAGT
386501	GAAGTGGAAA	CGTAAGAGTT	CTTCGGAAAG	TCGGTGTGAT	GGTGTTTTCG
386551	TGGGGCAAAC	ATGTGAAGGA	ATGTTTAGCT	GAAGTGGACA	CATGAAAAAG
386601	AACGTTCTGC	TAAAGCAAGA	AGGTGAAAGG	ACATATGATG	AAGGATTCCT
386651	CACTAGCAAA	GCATGTATTG	GTCCACCTTC	TCTTGTGTAG	TGTGTGCTTC
386701	TTTGTCAGA	CTCCATAGAG	AGAAACATGC	CGAAAAACTT	TGGGTGGTGT
386751	GCTGCAGTTT	CTTGCCAAAT	CCAAGGACTT	GGGCTGATTG	GCAGAGTGGT
386801	CTGAGCTGAG	ACAGACACAT	GTGCTGAGGC	GAGACCTGTG	AGGAGCACAT
386851	ATTTGACGGG	AGTATAAAAA	GGACTCAATG	GACAGTGATG	GAGGCTGAGC
386901	TAGGCTTGCT	TATAGAGCTA	GCTGTGCAAT	GCTTGTGGT	TGTGTGCTTC
386951	CACGTGCTTC	ACTGATCTTC	ACTTGTCTGA	GAGAGGCACA	GCCAAGAACT
387001	TC TGCCATCC	CTCTACTGTA	CTTGTGCCAA	GGCTGAGGCC	TGGCTGTCTC
387051	TGCTAGGTCA	TGCCACCCTG	GCTGATTCCT	GTTTGTCTAA	TCTAAGCTTTA
387101	CTGAACCTGGT	CTGCTGTGTT	CTCAGTTAAA	GTGCCTGTGA	GTCGATCAGG
387151	CTGCTGTAGC	TAACTCTGTG	ACAGAAGTGT	CAATTCTCCAG	AGCACACAGA
387201	TGGGAGTTGC	TCCAAGAAAC	CCCTCTAAAC	AGGTCCACTG	CCTTTGTATC
387251	CTTTCTTTTC	CAC TGCCAT	GGTGGGTTGG	TGGGTTGAAA	GGGAGGTTAA
387301	AGCATTTAAT	AACCATCAT	AAAAATAGAC	TTTGAAAAAA	TAGAGTTTAT
387351	ACGGTAACCA	TAGGCAGGTT	CCCAGGTAAC	AGGAACCTAG	CACCTTAAAT
387401	TCACTAGTCT	CCCCCACC	AATCCGAAGC	TTACTGGTGT	TGAACCTCAAT
387451	TGAAACCGGA	GGGGTTTGTG	GGCATGTTGA	AAGCTCGTGT	GTGTCCACAC
387501	CAGGGAGGAT	GAGAGTGGCA	GGACTGAGAG	GAGATGTCCT	CAGACAAAAG
387551	CCAGAAAACCA	GCTTTGGTGT	GGTGGCAGCG	AGCCTTCTGC	CTAGGTTTGC
387601	CAGAAGCAAC	AATCCTAAAA	GAAAATAGCA	AGTCAGCAAA	CCAACGAGCA
387651	GTTTCTCTCC	AAGGATCTGC	TGCTTCAGGG	CCGAAGCGCG	TCTGTGAGCC
387701	ATGGTTACAC	TGAGCCCTCT	GCATCTCTTA	GCCTCAAATG	CCCCCAAGTG
387751	GCAGCTTCAT	CCTCCAGCTA	GTCCACCTGA	TCCCTTCTGA	GTGCTGTACT
387801	CGGCGTAGTC	AGAGACAGGA	CAGCCATCTG	TCTGTGTCAG	CTTACGCGAG
387851	GAGGGAGAAA	ACCTCTCCAG	AACATCTCGG	AAGATTTCTTA	TTAACAGCCA
387901	TGGTGTGTAG	AAGAGAAATG	TGAACAAAGC	CTGGGTCTCG	CTGGAAAGGG
387951	AGGAGCCTGC	TACACATTCC	CCCCTTTCTT	TCTTGGCGGA	ATCTTTTAT
388001	GAAGTCCAGG	CTGGCTCTGA	GTGTACCCCTG	CCTTCTCTGT	GCTGGTTTAT
388051	AGGCATATGC	ACCCTACCCC	ACCCACTTCA	TTTAACCTCA	CACTACAAAC
388101	TGAGTTAGCT	CCCTGATGCA	TACGTCCGAT	TACTACATCA	TTCTTCTCTT
388151	CGTAGAACCC	TGCCACCCTG	GCATACAGTC	AGTACCATTC	TTCTTGAAGC
388201	CCAGTGAGAC	ACCCAGTCT	CCCTCCTCTG	CCGACTCCCT	ATCTGTCTTT
388251	ATAATACACA	GTCACGCCCT	TCCCACGGCC	GTTCACTTTG	TGGGTTCTTT
388301	CATGACCTTG	GTATGGAGAG	CCCTGCATCA	TGTGGCTTCC	TCAGCTTGTT
388351	GTAGGAAATA	CCACATGCAT	GTGACATCCC	GGGAGCCTTC	CCATGGCCTG
388401	CTGTGTGCTC	CATGACAGCT	TGTGTTTGT	TGTAGGGCTT	CTGTGAATCC
388451	CAATAACCTG	TCTTCTAAAT	AGTCTCTCCT	GGTTCCTAGG	ATGGAAGGAG
388501	GAGCCTGTAC	TTATTGAAGG	CATGGCTGGA	AGCCTGGGCT	AGCACTCAGC
388551	TTCTAGCAAT	CAGGCAGCCT	GGGATGGACT	CTTCTTGGCT	TTGTTGTGTG
388601	TTTCTAGTGA	CCCTAGGCAA	GTTATTTAAC	TCCCCCTGCT	ATCTGTGTGC
388651	CCACGCTFCA	GTAGGAAACCT	AATATTAAAC	ACCTAATGGG	ATTATATGAT
388701	AACGTCAAGC	AAGGTGACTT	ATGTAAAGTA	CTTAGCAGAG	CGCCTGGTAC

388751	AGGGTCATTG	CACAGTGAGT	ATTTGCAGAC	TGAATGGTGA	TGAGATAAAA
388801	TATGTTTAAA	CAGAACTGAG	TCTTTTCCAC	TATTTCTGGAG	TGCCACATTT
388851	TGCCCTAATA	TACTTGGCCC	GATAGAGGTC	TGTCAGAGGCC	AATCTTTTCT
388901	ATGTGACTGG	GAAGGGGAAA	AACGTAGCTG	TCTCTGTGATC	TCCTAGCACC
388951	GTTACCAACT	GTGATGTGTC	TCAGATCTGC	CACCTACAGAT	TGAGGCTCTC
389001	AACGTGTCCA	GCAATTAACC	ATACTTACTA	AGCAGAAAGG	CAGATTGTAG
389051	AGCAGGGACT	CGCTTCCTGC	CACACACACT	TCAGTCTCAT	CCATTAGTCA
389101	GCATATAAAC	AGCAAAATACA	TTAGCCTTCA	AAGAACCCTG	GAGGATGGGT
389151	GGCACATTA	CAAGAGGAAC	AGGAAGAAAG	AAAGATTACC	CAGATTAATG
389201	GAAGAAAGA	GAAGTGGGAG	CTCAATCAAT	AGAGAGGGGC	AGTGTGGGCA
389251	CATCGGTGAG	TGGCAGCAGA	GTCCTGCAAG	AAGAAAGTCT	TGGATTAGCT
389301	CCTTAAAAAA	AAAAAATAAA	GGTGAACACT	CTTAAATTAA	TGTTTTGTCA
389351	CAGAAGTATA	GAACCAGGAA	GGAAATTTAA	ATCCTCTTGT	TGGAAGAAAC
389401	TGGAGCTCAG	AAAGGGAGTT	TTGACCAAAG	TCACCTCATT	GGTCGACACC
389451	CCCGATTTTC	TCTTGCCTTA	GGCTGTACAT	TTCTTTTACT	AAAGCGGCTC
389501	TTGAAGAGTT	TAGACTATTC	GGCTTCTTAA	AGCAGACATG	AGGTATGCTT
389551	TTAGGAAAGT	TTCGTCAATG	GTGGGGAGGA	GAGAGAATAA	TGGGTGTGGA
389601	GAACAGGGAC	TGAGAAAGGA	GGAGGTGCGT	GGGAGGAAAG	TGCTCAGCCT
389651	CTTCTAATGC	TCCCTTTCTT	CTGTAGAGAG	CCTAAGCCAT	ATATTCATAA
389701	TGAAGGGTGA	ATGACGCCAA	GCCATTCTCA	AATGGTGTCT	GCTAGGAAGG
389751	GTGTGTGAG	ATAAGGACAA	GCTTATGAAG	ACCTCTCTCT	ATCCCATCTT
389801	GCCTCAGTGT	CATGCCATAA	CTTCAGGAAA	ACTCCCCTAC	CAAGGGAACC
389851	ACCCAGAAAC	TTCTAAAGGG	ACGATTCCTA	AGATATTTTG	GGACAGGTGC
389901	CAGACCATGA	CCCTCGTCTC	ATGCCCTCAG	TATTCAGGCT	AAACATTAAT
389951	CATTCTTTCT	GCTGCTCCCA	CCCAGTTTAC	CCTTGTGTGC	CTGCTCCGGA
390001	TGAGTGGCCA	TCTGTCCCTG	TCTATTTCAA	AGAACCATGA	ATGGTACATT
390051	TAAGACCACT	TGTGCAGGAA	GCTTGGGACA	GTCCCTCCTC	ACTCACCCAC
390101	CCCCATGGTT	CACGGGTAAG	TTTCTATTAA	CAGAGTCTGA	GTAACAGGGC
390151	CTCTTCCGAA	GCTCATAGGC	AAGCAGCTAC	CAATGGACAC	TGACCTGTCAC
390201	AGAAGTTTGC	GCTGAAGAGG	GCTTCGCCCA	GTCATAACCC	CACACATCCA
390251	GTTACACTGG	AGAAGAACAG	ACAAATATGG	GAGAAAGCAT	AGCAGTTGCT
390301	GTCACATTCC	AAGCCAGCTC	CCCACGCATC	CTCATAAGGA	TACTTCCCTT
390351	CTCCCAGATC	TGAAACCACA	GAGTCCCTGC	TGAAATATCT	TTCTTTTCATA
390401	CTTATACCAT	TGTTGTGCTT	TTATCTTTCT	TATCAAAATC	ATCCCTTCCC
390451	ATTTCCCTCT	GTTTCCACAC	TCACATACCAT	CTGAAGAGTT	GCTCAGATTG
390501	ATGTCTTCCCT	TCGGCTGCTT	TACAGGGGTG	ATCCAGAACT	CTGCATTGGC
390551	CTTAAACATA	CCTTCTGTGC	CCCCATTGGG	GTTGGGCTAG	GGATGTAATC
390601	CGTGTCTCGA	CTGTGTTGCT	CCTCAGGAGA	AAGAAGGAAC	TTCCAATTTCT
390651	ACCTTCTGTA	CCTTTTATTT	CCACTGGCTT	CAGCTCGGTC	TGCTGTGCTG
390701	TCACTTCTCT	ACTGTTTGCA	TCGCATCCTG	TATCTATAAG	ACTATATTTT
390751	TGACATTTAA	GAATAATGTA	AGCATCTTTT	TTTCCCTCTG	TATTTTTTTTT
390801	GGTTTGTGTT	GCTGCTGCTG	CTGCTTCTTC	TTCTTCTTCT	TCCTCTGTTT
390851	CTTCTTCTTC	TTCTCTCTCC	TCTTCTCTCT	CCTCTCTCTC	CTCTCTCTCT
390901	TCTCTTCTCT	CTTCTTCTTC	TTCTTCTTCT	TCTTCTTCTT	CTTCTTCTCT
390951	TTCTTCTTCT	TCTTCTCTCT	CCTCTTCTCT	TTCTTCTTCT	XXXXXXXXXX
391001	XXXXXATAAC	ATTCAATCTT	CATCTACTCT	ATATTAACATC	TACCTCTCCA
391051	TCCTCTTAAA	CAAAATCTTC	CTCCTCCTCT	TCTGTCTCTC	TCCTCTTCTC
391101	CCTCTTCTTC	CTCCTCTTCT	TCCTCTCTCT	CTTCTCTCTC	TTCTTCTCTC
391151	TCCTTCTTCT	CTCCTTCTTC	CTCCTCTTCT	TCTCTCTCTC	CTCTCTCTCT
391201	CTCCTCTCTC	TCCTCTCTCT	CCTCTCTTCT	CTTCTTCTCT	TTCTTCTTCT
391251	TCTTCTTCTC	AAGGTCTCTC	GTTGTCTCAG	TCGCCCTAAA	ACTTAGGCTT
391301	ATTCTCTCTC	CTCTACTTAC	CTAATACTGT	AAACAGGTCT	GCACCACCAT
391351	CATGCCCCAGT	TTAGAGAATC	TGGGAAGCAA	ACCCAGGGGG	CTGAAACAGC
391401	TAGGCAGGTC	TACTCTGCCA	ATCGAGCTAT	ATCCACAGCC	CCCTATAAAA
391451	GACTTTCACT	TATTTCTTTG	AAACATCAGC	TCCTGCCTCT	ATCCAGTCCA
391501	CACAGAGCCT	AAGTGGTCCC	TTTAAAAATA	ATAATTTCAT	TTCCAGAGAC
391551	TCTCTTCTCT	AAAAATCTCT	AGATAATCAA	GCATTCAAT	CATCAGGGAC
391601	GATGAAGTCA	TCTTAACTTA	CTCAAAGCTG	ATCTTCTCTA	TTGATCAAGA
391651	CATCTTCTTC	TTCTCTACTT	ACTAGAAGAG	TCAATTAGAT	CTTCTCTCTG
391701	CCCTTACCAC	CAACTTCCCG	AGACTGGGCT	GGGAAGGCTC	TCTTTCAGCCT
391751	GCAAAAAATTA	CTGTGAAGGG	TGGGCTTTTG	ATGGTCTGCT	CTCTCTGTGT
391801	TCTTGTGTAG	TGTACCATAT	CTTGTCTGTC	CATACATGCA	GGCCCTGTTT

391851	CCCGAAATGG	ACTGTGAGTT	CTGTTTATGC	TTTGATTTTC	TGTGTTGTGT
391901	GTGTGTGTGT	GTATGTGTGT	GTGTGTGTGT	GTGTGTGTGT	TTTCTTTAAAT
391951	GACTGGACTC	TGCTCCCGAGA	GTGGAGGCAG	ACATGGTTTG	CAGGTGTCTCT
392001	CAGGTCAGAG	AGGAGATGCT	ATAGGCTGGG	GTTGTGCTGG	AAGGAGAGCG
392051	AGGCACGGAG	GTGAAGCAAG	GTCCAGGGAG	CAAGGCAAGG	TCATGAGTAC
392101	ACAAGCAGAG	CCAGGATGAG	AGAAGTGTGG	GAAGCATATG	GGATCAAGCG
392151	TGCAAGTTGG	AACAGGGCAG	ACTGTTTCAGA	GCCGTCGTGG	TTGAGGAAAT
392201	GCTCCTGGGA	ACTGTCAGGC	TTGCTTCTGT	GCGAGGATCAG	CCATTTAAAC
392251	AGAACTATGT	GTGTAATCGG	CATTAAATGCA	TAGAGAGGCA	AAGGACATAA
392301	TCAAAGAAAG	GCTGCCCTAAT	CCCGTGTGTA	AATATCACAT	TAACAGAAAA
392351	TTTCTATGGC	TTCTCTCAGTC	TCCTACAACG	AGTTTATATAT	ATAAGGAATAC
392401	AGCTTGGCAA	CTTTCCTCTTA	AACTATGGGG	TCTCTTGAGG	CATCTTTAAT
392451	GTGTACTTA	AGCCAGTGTG	GAAAGGACCG	CCTTTGCTAC	ACATACTGGT
392501	AAGACAGCCT	GGCTTACAAA	TGTAGCACAT	GGAAACACAC	AGATACCACCT
392551	TGGGGACTTG	TGCAGATTAG	ATCCACAGGA	AACCTTGCTT	TTTTCCTCTCT
392601	CCGCCCCAC	CGAGTCTGAG	GGACAAGCCT	TCTTGCCACA	GCTGCACAAA
392651	ATTAACATCC	GGCTCCTGCC	AAGAAAGCAG	GTGACAAGCT	CAATGGGTCT
392701	CCTTGGGTTTC	GATTTTGTCC	ATGGCAGGAA	CGTGACATAT	CTGACTAGGC
392751	ATTTTGTCTGT	GGAGCTAGAA	GGATGGTAAA	TGGGCAAGGA	GGGGAGGGGA
392801	GTGCGGAAGC	AGAAAGCAGC	ACGTGGGAGC	AAAAAAAAGA	AAAAAGAAAA
392851	AAAAAAAACA	CCAAGACAAA	ACCAAAACAA	AATCCAGGTG	ATAGGAGTAA
392901	GGGCAGCTTG	CATTCGCCCA	AGCGCATGGA	AACAAGCTGA	CTCACGAAAA
392951	CCAGGGAAAG	AGCGGAGAAT	TTGTGCATGC	ATGGTGTGAA	TCCTCTTAAG
393001	AAGAAGGCAA	ACCACCAATT	CCAATTAAAC	TTGTGCGTTA	ATAGCAAAATC
393051	TGAGTAATTT	GATCAGGAGC	TTCTGAAATT	GATCTGTATT	GCCCATGTCC
393101	CTGATAACTG	GTAACCTGCA	TCAGAAGTGA	CACACTCTGG	GTTTAGGGGC
393151	AGAAAGCCCC	TTCTCTTTATG	GGGTACAAC	GCACCTCATGT	GGTTTCCCTG
393201	TGGGGAGCTG	TGGGTATTCT	AGACTGGGCC	GGAAGGATCT	TTACCACCCA
393251	CGCTGGCCACC	CACGGTGCCT	GTTTTACAGG	CTTTACACGA	AGAGGGATAT
393301	TCATAGTTCT	TTGTATTGCA	GAATAGACAA	TCTTACTGGC	TTGCAGAAAT
393351	TCAAGTTGTA	GGGTGGCCAA	CTGCTGCTTG	TTAATTGTTT	AGGCTGGGAG
393401	TGGGCATCTG	TTGGGTTTTTA	GAAATTTCAG	CTGGGTGCCA	CATTCACATTA
393451	CTAATAGTGC	CCAGTTTCTG	GTTCTGTGAG	GCATGAGACT	CATTCCTCTC
393501	CTTGAAGACA	ATCTAAATAT	AACCTCACCA	GGTCCCTCC	TTTTCCTCAG
393551	ACAAAGAGTA	GGCTTGAGAA	TCACAGCAC	CATGAGTTCC	TCCCCTGTGT
393601	TTCTGGGTCT	GCTTATTTGC	ATTCTGATTT	TGATTTTGGT	TTTCTTGAGA
393651	CAGGGACTCT	ATGCACCCAA	GGTTGGCCTA	GAACCTCAGTA	TGTATCCAGG
393701	CTGGCCTCCA	ACTCAGATTT	TTTCTGTGCT	CAGCCTCCGA	ACGCCAGGAT
393751	GACAGAAGTA	CACGGTCACA	CCGGGTGCAT	GTTTAGTACT	GACCAAAAGG
393801	GCAAAGATAC	TGAACACCAG	GAAATGCATC	TCACCCACCA	TGGTGTCCCA
393851	GCAAAATAAG	TTGGGTGTTT	TTACAATACC	GAGATCCTTA	TGGTCGTCTG
393901	GGGTACAGGT	GGGTTTTCCA	GTCATCTGCG	TGTTTGACCT	CTTGAGTTTA
393951	TTTTCTTAGC	TTTCTTACGT	ACTTTCAAAT	GGTCTTTCAA	AAACAGCTGA
394001	CGTTGCCAGG	AGTGTGCTTG	CTACCCGTGA	CCAAAGCAC	TTATTTTCATG
394051	CAGATTTCATA	TCTGTTAAAG	TCTCTTTGAT	AGATATTCAA	AATPAACCGT
394101	GACTATTGTG	AGCCCAGTAG	GTTGGGTTCA	CAATACATCA	ATGTTGGTTT
394151	ATAAACTCT	CATGCTTTT	CCAAGGCTCA	TTACTTTAACA	CCATATCTTG
394201	TCGTCTCAT	CTTCTCCTGC	CTTGAAGTCC	ATCTTATGAT	TAATTGTTG
394251	TTTCATTTTAA	CTCTGTCTC	AAATAGCCCC	TATGTATAAT	AAATGGGTGA
394301	TGCATTATCT	ACAGCCCTGA	TTACCCCAAA	TATAATTTCAC	TCGTGCAAGT
394351	CTAAAAACGG	GATGCCAAGT	TTTTAGTTGT	GTTGTTTTTG	GTTATACAAG
394401	ATATATGTGT	ATTGTCTTAA	CAGTATTAATA	GAACAAAGGT	AATAATGTGA
394451	GAAGAACAAA	AATACAGTAA	AATATCAAAA	GTAATGGGTT	AGGGGATTAG
394501	GTACAGTGCA	GAGCCTTTAG	GCAAAATGGAG	CTCCCTTACA	GAACAGATCG
394551	TATGTGATAC	TTCTGCTCTG	TCGACACAGA	AGATTACAGA	AAAAAGGGAG
394601	CGGTGCTCTC	ACATTCAATC	TGCTGAGGCC	TTTAGCTACC	TTGACCTCGG
394651	GCTTCCCCAC	CTCCAGAACT	CTGAGACGTA	ACACTCTGAT	GCCTAGCATT
394701	CACCTPAGCCT	CTAGGGTATT	TTATTTTATT	TAATTTATT	TAAATTTATT
394751	CTATGTGTGT	GCCTGCTTGT	CTGTATGTGT	ACCACATGTG	TTCTGGTACC
394801	TGTTGTAAGC	AGAAGAGGGT	GTTAGAAGCT	TCTGGAAGCT	GAGTTACAAA
394851	TGGTTATGAG	CCACCTAGAA	GGGGTCTCTG	GAACTGAGCC	CAGTCTCTCT
394901	GCAAGGGCAG	CAGGCACTCA	CACTCTTAAC	TGCTGGGCCA	TCTCAGCAGC

394951	CTCCAACAGG	TGGACTAAAA	ACCAGAGATG	CAGGGAAAAGG	CATGTGGACT
395001	CAGGAAGGAA	CAAAGGTAAC	TGAACCTATG	GGGCTTTAGC	TAAGTAATAG
395051	GCCATGTTCT	GTTCCTTACA	ATTTAATTAA	TTCAGTCTTA	ACAGTTTGAC
395101	TAGGTATATG	TCATTAACAC	AAGTAACACC	CATAAATTAAT	GAAAACAGATG
395151	GCTTACACTT	AGTCAACTCA	AAGCGGGGTT	ATTTAAAGTTT	TATTTGAACT
395201	GACACATCCA	TGCCATCAAA	GCAACAATTA	AAAGCAGCTG	TGAGCAAAAGA
395251	CTGCTCTGAT	GGTTTCCTTT	TGATGAAATA	AATATCTAAA	ATGAAGCCTT
395301	GTCTTGATACC	CAGAAAATCA	TCTGAAATTT	TGTGTCAACT	CCTAAAACTT
395351	GAAAAATGCT	GCTGCCTTTG	TGCTTTGCCT	CATAATTTAAA	GAAAAAAGAAA
395401	ACCCAAAACCT	ATAAGATAGA	AGCAAAAAGA	AAATTTGTCTA	CTTCTCTATT
395451	TTTATTCTTA	GTGTGTGAAG	CTGAAAACAT	AGTGCAGTTC	TCTGAATATA
395501	TTATATGGAA	TGTTGGAGTG	ATGTTTTATA	GCTTGA AAAA	GGGTCAAGTA
395551	GCACATTCAC	AAAGGCATCC	AGTAGCCATG	GTTGGTGCAC	ACCTTCACTT
395601	TGTTTTAATT	TTGCAAGAAA	ATGTGAAGAT	TTAAAAAAT	TGTTTTATGTG
395651	GTGTGTGTGT	ATGTATAAGT	GCGTGTACCT	GCAGAGACCA	AAAGAGGGTG
395701	TGCGCCATCC	CAAGACTGGA	GTTAGAGGTG	GTTATGTGCT	TGGAACAGAA
395751	CTTCGGTCTCT	TTGCAAGAAC	AGTGCTCTGCT	CTTAACCACT	GAGATATCTC
395801	ACCAGTTCTC	AGACAGAGCA	TTTTTTAAAA	GCACATTTAA	AAAAAATATT
395851	TTAAAAACGT	ACAGACTGTT	CTCAGACTCA	TGAACCTTTCT	CGCTCTATCT
395901	CTTCCACAAA	CCCTACTGGC	ATACTGGCAT	ATTTTCATCA	AGTCAGAAAA
395951	AAAAA AAAA	AAACCCTTAA	AGGAGATCCC	AGTGCATACC	TCTGAATATA
396001	TTTCTTGAAT	TATTTCTCTA	TTCTTCTCCC	TCCATCATAT	CTCAAAGCCG
396051	ACACCCCTCC	AAGACCGTTT	TTCTCTATG	GACTGTGCTC	AGCTACCCCG
396101	CAAATTTCTG	GATGCCACAC	AACCCCTTTA	AATCTTCTTC	ATATTTCCCC
396151	ACCCCATTTT	TTTCTCATTT	TAAAGTTTCT	TCAAGAAAATC	CTTGGCACAT
396201	TTTCTATTTT	AGACAGCTAG	CTGTAGTCAG	TGGGACCATG	ACATGACTAT
396251	CAAATTAAGT	AGAGATAATG	TCGATAAATC	TGTAAGTTTT	CATGGCGGTT
396301	ACGTGTTTGA	AAAAGAGGCA	AATTAGTTAT	TGATATACAA	ATTCTACTTG
396351	GAATCTTTAT	TTGAAAAAGA	TGTATGAAGT	CCATTTTAT	TGATAAAAAC
396401	AGGCTGCTTT	TGAAGATTTA	CCATCACATT	AGCATTAAGAA	AAGCTCTGAG
396451	AAGTGATTGA	GAAACAAAGA	ATTTTATTTT	TTTCTATCCA	CTTAATATTT
396501	TTCCCAAATG	GATCTCAGAA	TGAATCTTTT	TGATCATCTC	CTATCTCTCT
396551	ACATACAAAA	GCACCCACGA	AACACAATTT	GAGCAATAAA	ATGGCTTTAA
396601	ATAGTAAAAA	ACATAACAAA	AGTAATTAGA	GGCTCATATA	TGATAAAGTG
396651	TGGATGGATG	GTTCCTGGGG	GACAGTAGTC	GTCCTGAATGA	GGTCTGCATT
396701	TTCCATATGT	CATGTAGAGT	ATTAATCATT	CTTACCTTGC	CTTATGGGCC
396751	ACTGTCAACA	TGTATGGTTC	ACATTTAAAG	AGGCTACATC	CAACTGCTTT
396801	GGATAGCACT	TCTCTTGGAA	TGGGTTTTCC	TAAGGTGTTT	TGTGTTGCTA
396851	TCPTCCAGGT	GTCTTGACTT	GCTTTAAACA	TTAGCCAGTG	CCCTGAACCTA
396901	ATACGGCCAT	TAACCTTATTC	ACTGTCTGTG	AAGAACATGG	CCCATGATGA
396951	AAAGGGTGTG	ACTGGCGTAA	ATGGACTTGT	CCTTAGCTAT	TGTATGTGAG
397001	CAAGCACTCA	GGTGATGTGG	TGGTTTGAAT	ATGCTTGGTG	CAAGGAGTGG
397051	CACATTTAGG	AGGTGTGGCC	TTGTTAGAGT	AGGTGTGGCC	TTGTTGAAG
397101	AAGTGTGCCA	CTGTTGGGGT	TGTTTGTGAG	ACCTTCCCTC	TAGCTTCTCT
397151	GAAATCAGTC	TTTCTCTGTT	TGCCCTTTGA	ACAAGATGTA	GAACTCTCAG
397201	CTCTCCACAC	AACATGCCTA	CTTGACACTG	GGCATGTTTT	TCTGCCATGAT
397251	GATAATGGAC	TGAACCTCTG	AAAATATAAA	CCAGCTCCAA	TGAAATTAAT
397301	TGATGCTTGA	TCATGGTGTC	TCCTCACAGC	AATGGAAACC	CTAACAGAA
397351	CATGTGGTAA	TTCTGGGGAA	GACTCTGAAA	ACAGTAGATT	GAGCTATATA
397401	TGCTCATGTA	ACATCCAAAA	TCTCACAGGG	ATTCTATGTT	AGGAGGCAAC
397451	AAAGAATGAA	TAGTTTACAC	AGTTCAAGGT	TCTCAGCCAG	CCCTGATATA
397501	TTTGGGAATT	TTCCAGAAGG	TTCTTACCCA	ACAGAAAGAT	AGCATAAAAA
397551	AAGATTTTAG	GCAAAAAACC	AAACAGATTA	TTGGCATCTA	ATTTACTTTG
397601	AACATTTGGT	ATTTGGATCG	ATACTGGATG	TGAAGATTCA	AGTCTATTCT
397651	TTGAGTTTGG	AATTTTATCA	CCTCTTGGCC	TTTGTGCTAA	GATCAAGTGT
397701	AAAGTTTGAA	AATTTATGGT	TGTCCAAAAT	TCTCTCTCAAC	ATTAACCTAGC
397751	ATTTCTACCT	AAAGACATTC	AACCTTATAGG	GAAAAA AAAA	GTATGTACCT
397801	AAAAAATAAA	TTTCAAGTTT	CTATGTTATA	TTCAAAGGTT	GTAACCATTA
397851	TCCATTAACAC	ATTTCCAAAT	CTCTATCTGA	ATGAAGCTAG	GATTGCGTGC
397901	TCTTCCCACT	TTATGGTAAC	TGAAGACATG	TGACACAGCTT	TGCTTACGGA
397951	AGTATGAAGA	GAAAAACCAAC	ATGGCTTCCA	GGCAAAAAGT	CTAAGGACAG
398001	ATACATAAAT	ATCCATAGAG	TGAGCAAAAA	ATTA AAAAAT	ACTCTTTTCA



398051	ATCATCTAGG	GTTGGGAGTG	CTTGTTACTA	CAGTTTTTCG	TAACCTATTC
398101	TGATPTGGTT	ACCACAACAG	AAACATTAATA	GTCCATAGAAC	AGCAATACCGT
398151	AGAAAGTTTA	GACAAAAGA	AAAGATAACA	ATTGGCATATT	AAACCTGCAT
398201	TTCAAATAT	TGTTCACTGA	TGTGCAATA	TATGTGAAT	TATGTTTATG
398251	GGGCTATATT	GACCTTAAG	AACTTTAA	CTGTGAGAA	ATACTTTAA
398301	AAAGAATACT	TAGTATGGGT	ATTGTGATAG	TTTGTATATG	CTTGCCCCAG
398351	GGAGTGGCAC	TATTATGAAG	TGTGGCCCTTG	TTGGAGTAGG	TGTGTCACTT
398401	TGGCGCTGAA	CTTTGAGAAG	CTPTGCTCAT	CTGCGTGGAA	GCCATATTTC
398451	TGCTAGCAGC	CTTCAGATGA	AGATGTAGAA	CTCTTAGCT	CTCCCAACAT
398501	ATGTCCTGCT	GGATGCTGCC	ATGTTCTGCT	TTTGATGATA	CTGGACGAA
398551	CCCTCGAACC	TATAAGCCAG	CCCCAATTAA	ATGATGTCCA	CTATAAGAGT
398601	TGACTTTGGT	ATGGTGTCTG	TTCATATGACG	TAAATGCCCTA	ACTAAGACAA
398651	GTATATTGAT	AGATGATGAT	CTGTGTGAAA	TGTGACATAT	TATTCTCCAA
398701	GAATATTGCT	CAGCTCTTAAG	AAATAGGGAC	ACATGTGACAT	ATGTTGCCAGC
398751	ATACTGAAGT	ATTTTGCTAT	GTGAAATTAAG	TCAGTGTGAA	AAATGTTAAAT
398801	ACCATGTAGT	GGAGTTAACT	TAGAATAGTC	AAAATTGTAG	AGACAGAAGA
398851	CAGACCTGTG	GATGTGCAGAA	CTCTGGGAGAG	AGGGAACGTG	GAGTGTPTAC
398901	TGGGTATAAA	ACTCCAGCTT	CACAGATATCA	TAGGTATATTA	TGGAGACATC
398951	CTGCACATGG	CTTCAGAGCT	GACCACTTCAG	CAGACTGTAT	TGTGTCTGTA
399001	GACCAATAAA	AGTATAGAAT	AAGAGGTGAT	GAGTTTGAGA	GGGTGGGGA
399051	TATGGGAGGA	ACTGAGGGGG	CAAATGAGGC	AGATACCATG	ATCATATATG
399101	GAGTATATGA	TTGTGAAGGC	GTGGAGATGA	ACACTGGCCA	CAGTGCCTCA
399151	GTATATGATA	CGPTATACCA	TACAGGAAT	ACCAGTGTTC	ACTTCAAATA
399201	GGTAAGAGTG	TAAACTTTAT	GTATATGCTG	TTTTGCTGAG	ATTTTAAAAA
399251	ATAAGGGAAT	GTITTTGTGG	GATGAGACCA	AATACTCTAT	TTTTCCCTTT
399301	TTGGGGTAAT	CATGCCCTTT	CTGGGCTTGA	AGAGTACCTC	AAATCTCTCC
399351	TTTGAGAAAT	GAGAAAGACA	AGTGAATCTT	GGTGTCTAGA	TGATATTTCT
399401	CTTGTCCCCA	AGAGGTCACC	TGATGGCCAG	ACAGAGCCG	TCACTGTCGA
399451	ACCTCTGCCC	CTAAGTAPAG	CTGTGCTCTA	GAAGTGTGAC	TGCTTATGTT
399501	GGAGTTTGGC	GAGATACCA	ATCCGTTCTC	CTCCPTCCG	TGGAACAAA
399551	ACCTCTGCTC	AGAGCAAAGA	TAAACCTTCA	CTAAAGCATA	GAGAGATGGT
399601	AAACAGCCTT	ATGAACAACC	GAGGCCACCT	CTGCAAAAAA	CTAGTGTGCT
399651	TCTTTCAAAA	CATGAGCACC	CAGAAATTTG	CCAGTGGAGT	GTGGCTCACT
399701	GGTAGTGCTT	TGACCTGCAT	CGAGGAGACC	CTGGATGTGA	TCCACGGCCG
399751	AAGTCAGTAA	AGAAATTCAT	GAACAAAATC	CATATCTCCC	GAGGAATAGC
399801	CACATCTCA	ATCCAGCTTC	TCTGTGTGT	GTCCCTCATCT	CTCATGACAA
399851	GATGGCACCT	GTGATCTCTC	TCTTCTGCTC	CTTGAAGATA	AAGAAGGTGA
399901	CAGGGAAGGA	AAGCTTCACC	ACAGGGAGCT	CCTCTCTGAG	ACTACAATCT
399951	TCCCAAGAGT	GTAGGAGGGA	GCACAAATAT	GTGCAAAAGC	TGCAATTAAGT
400001	AGTGTACAGT	GTAACCTTTG	TCTGCCCTAG	ATGAGTCCAAG	GCCACTGCGT
400051	CATCCCTTAA	GACTACTGCT	TCTGTCTATG	CATGACGAAG	GTITTTGTCG
400101	TCTGTGTGGG	AGCTCTGPGT	TACTACATCA	CATGCTCTGT	TTCCCAAAAG
400151	ACCATCTCA	TTCCAAGACA	GTGATGCCCT	GACACAGAAG	GAGACAAAGG
400201	TGTGTGACTT	CCCTTTTGG	CTGCTCTTCA	AAATTTCTGC	GAGATCCCAA
400251	TGAGACCACT	ACGCTCTGG	TACATGAGAC	AAGTGTGGCG	CGGGGGGGGG
400301	AATCACTTTT	TAACTTTTTT	CTGCTGGAGT	AAACCTTTCA	AAATAGTTCA
400351	AAATAGTGA	AAACCTTCAC	CTCATACCA	TGCTGTGACA	GGAGTACAGT
400401	GAGACATTCA	TGTACACACA	GTCAGGTGCA	TCTAAGTGTG	CCAGTTTCAC
400451	TGGGAAATCT	TCATACAAGA	CAGCATTCAT	CTCTGACGGA	TAGAGCAATT
400501	TGTGTCTGCG	CGGGGTGGGT	ATGAGAAGT	GGAATCCACA	TTTTTGAACAT
400551	GCTTTTCTCT	TTTTTCTCTC	TGCTTACAG	TCAACTTGCCA	TTTTTAAAGT
400601	CATCTGTTCT	GCAAGCCAAA	GAGGGGGGAG	GGGACATATA	CCACTCACTT
400651	GTAAGTGCTC	GAGAAGGAG	CTCTGGAGAA	ACGCTGCCCA	CTTAACTCTC
400701	CTTAGCTCTG	TGAATGATTA	CAGGGTTTGG	GCTATTTTCTG	GCCACATCTT
400751	CTPTGCTTTG	AAAAAAGGGA	AGTCGTTAAG	CAGAGTGGGC	AATTTGTACAT
400801	TTGTACATTT	AGTAATTCGC	CTTGAGTCTG	AAAGTCTAGA	CACCTCCCTG
400851	GGGATATGAA	ACAGCATGGT	GTGTGTTTCT	ATGACCTTCA	AGACTCTTTT
400901	GTAACCCAAA	AGGCATTGAG	CAACGACATC	TCAAAGTAA	TGGGCTCCAG
400951	AGCTCTCTGT	TAGGACATGG	GAGGCATAGA	CAAGGTGCAC	TGAGCCAGTA
401001	GCTGGACAGA	GCCAGTCTCG	CCCTGAGCAG	GGGAAGCCAC	CAGAGCTATG
401051	GATCAGGCAG	GGCTCAGTCC	CACTCAAAAT	CAATTGATTT	CCATACACAA
401101	CAACCTGAGA	ATTTGACCTG	GGCTCTGTGC	CTTTCTGCTG	AGAGCAGACA

401151	TTCAAAGAGC	ACGTATTTAT	TGGTGCTGTC	CAGGTGCGGG	GGACAGTAAC
401201	ACCTGATTCCT	CTTGCGCTTC	ATGGTAGCAC	TGTGAGCAGA	ATGGAGAGCA
401251	CTGGTAGGTT	TTAGGGATCC	TGTGCCTCCG	TTGCTTTTGT	TTTGTGTTTG
401301	TTTTTATTTT	GCTGTCTTTT	ACCATTTGCC	GTTTCAAGGT	GCATCACAGA
401351	ATTAACAAGG	ACGTGTATGC	ATCACGTCAG	AGTATACACT	TTCACCTCTT
401401	TGCCAATGGC	ACATAAATTA	GTGGTACTAG	ATTACGTTAG	GAAACTGAGG
401451	CAGAGATGFG	GAAACTGAGG	TTTGGGGGGA	TGAAATGATT	CAC'TCAACCA
401501	GGATGTGTTG	GAGCTAGAAC	TGGAATTGAT	GCAATTTCTG	CAATGGAGTG
401551	TC'TTGAAAGG	AT'TTGGACTG	CCTGGGTTTG	ATAGTGA AAC	TTACTGTTT
401601	GCATAATTAC	TAGATGGCAG	CTGAAAAGGA	AGGGGAGGGG	GGACTTACTG
401651	GGTTTGTAGT	CAAGTTTGT	CAAGTGCTAG	GCTAGCTTGT	GACTT'CGAGC
401701	AAGCCTTAAC	CTTCCCTTGT	GTCTTTATTA	ATGGTGACAA	CAATTAACAGT
401751	AACTAATCCA	CGGGATTATA	ATGGGAGCTA	AATAAGGTAG	CACACGACCT
401801	TGGGCTCATG	CTTGACATGT	CTGGA AATTC	TCCACTAAAA	TTTAGCTGTG
401851	ATTAGCTTTT	ACGTGTTTGT	AAGAAAGGCA	ACTAGAAAAA	AGTGCAACTA
401901	AAGAGTGTGT	TCAACAACAA	CATCTCCTTG	GCCCTAAAAA	TATCTT'CAT
401951	CCAGGAGAGG	TACCTTAGGT	GGATTTTGGG	GAAATTAATT	TTTTTGTGTTG
402001	TTTGTGTTGT	TTTTGTTTTT	GGTCTGTTTC	TTCAAAACCA	AGATATCAAA
402051	TAAGATGAAA	TGGGAGAAAA	TTCTGAGAGG	AAGTAGCTAT	CCAAGGTAAG
402101	GAAGGGACCA	GGACAAGAGA	AAGGATGCCC	AGGAGCAGTG	AAATCTGGGC
402151	GAGCCTTGGG	CAACAGGGTT	TATTTGGAGT	AGGTGGGAAT	GAACAGGGGG
402201	TTGTGCTAAG	GCTGGCCAGA	GATGACAATT	GTGACCCGAG	AAAAACAGTG
402251	CAGAACTGGG	GACTGGAACC	ATGACATAGT	TTTCAGTCTC	TAGTCCCTGA
402301	TTCCCTTCAGA	AACCATGGGA	TGAATCGGGT	ATGTCACAAC	TGGCATT'TGT
402351	GAGATGCAAA	GAGAGAGACA	AGCAGGTGAG	CACAGGAGAA	GGGGTACGAG
402401	GTGCCCCAGA	GCCTGTGTCT	AGGAGAGACA	AGATGCTCAT	GAACAGGAGG
402451	GGTATGTAAG	GCAGTGCCCA	GAGCCGATGT	AATAAGTACA	AACATCATTT
402501	CATGGATTTT	GTCTTCTCGT	TGGGGCGTAG	CAACAGGGGT	CTGATCATAT
402551	GAAGCAAGGT	GACCTTCTTT	CTATGGCTTT	TGCAGTGGAA	GTTTGAAAAC
402601	AAATGCATTG	AGGTGAGGAT	GAGAGTCAGT	AGGTCCTGGC	TGAAAATGAC
402651	GCAGAGGATA	CATT'TAAAGT	GACACGT'TTC	ATAT'TAACA	GTGTTCTCAT
402701	TGGCTCACTG	CTCTGACAGA	GTGCACAAGC	AAGCT'TGGGA	AGGAAGGGTA
402751	TCCTTTGCTT	CTGGTTTTCAG	GGCACCCAGT	CTGCTAGTGT	TGGCAGGAGTG
402801	TGAGGCAGTT	AATCTGTGGT	ATCTACATTC	AGACAGTAAA	GAGAGATGCA
402851	GGCTGACGCC	TCATTTTGCTT	TCTCCCCCTT	CTCTATTGTTG	TTCATCTAGT
402901	GACTCAGGTT	CATTTGCTTCA	CCACATCTGC	AGGCCCTCAC	AGGAAACACC
402951	CTCACAGACA	GGTGACAGGG	TGTGTC'TCCT	GAGCCATTTT	AAATCTAGCC
403001	AAACTGACCA	TGAAGATTCA	CTGCCATAAC	AAAGCGAAGA	CCCCCATAGG
403051	TACTTACTGT	AGGCTCTCAG	ACA'TACCTTT	ATGCAGACTC	AAGCGTGTGT
403101	TCTGTCTGCT	TGTGCT'TCTT	GGCCTTCCCT	AAACATGTAT	CCTCAACCTC
403151	ACCCTAAGAC	AGAACCC'TTT	CCTTTGTTCA	GCCACTTTGC	CCCACAATGC
403201	CTGTCCCTTC	TTCCACATC	CCCTCCTTAT	GCCAGGCC'TT	AGGCCGTGACC
403251	TTCCCCAGGA	TAAGAGCAAG	CTGGCAGCTC	CACCCAGGAG	CACAGGCTGT
403301	GTCATTGAAA	TACAAATGAC	AAAGAGTAA	TCAGGCAAGT	CACACTCTGG
403351	GATGCTCATA	TCCACACAAT	GCAACCTGGG	ACCTGACCCA	GCAGTTTGAT
403401	TTCACTACTTA	GACCAAGAGT	CAGGTGGAGG	AGAGGATCCA	GCCTAGCAAG
403451	CCCCATGTTT	GCTTCTGCAT	AAAGAACCCAG	GGCTACAAAG	CAGTGCCTGT
403501	GT'TTTGAGGG	TATTGACCAC	TTGAGGGTGA	ACCTTAGAGC	TGGGCAAGA
403551	ATGGATAGAA	ACCCTTAGCC	ACAGAGGTAA	TGGTCTAGAG	AGGAACATGG
403601	CACACTGCAG	CACAGACCCCT	GGT'TTCTGT	TCCAAC'TTCT	CCAGACACAG
403651	GGAGAGCAGGA	AGTCCAGGGC	TCTGCCATCA	CCACAGCAGA	ATGTTACAGT
403701	CCCCACAGGC	TTTCAACTCA	ACCTGTCTGC	ACAACCACTC	TGCTCCATGG
403751	AAAGAGCACA	CGGCAAGTCT	CTAACCTGCA	GAGCCCAA'TT	TGCTAGCTAGT
403801	CACAGTGCCA	TTTTAATGGA	ATGGAAC'TAG	ATTTTATCTTT	GCCTTGGGAT
403851	CAGTAGACAG	CCCTGTCTAT	AGGGCAGCTG	CTACACAGAAT	CCCAAGTTTA
403901	TCCACACACT	CTCTGTGCAG	CCTAAAGACA	CATCCCTTTC	TAAAGCACAG
403951	GCCACAGTTC	ATGGCTTCCA	CTGTGTCTCT	CAGGCCTGAG	GACAGGTGCT
404001	TCTACTGTAA	TGCTCTCCAG	AATTTATAAA	GCCAAGGCAT	TGCCGCTATGG
404051	TACTGGTATA	AATCTGGATA	GATGAATGGA	ACAGCATGGA	ATACCCAGCA
404101	ATCAATCCAT	ATATAGCCAA	GTGATTTTCA	ACGGAGGTAT	CAAGAAGACA
404151	CATGGAAGAA	AGGGTGATCT	GTGGATAAAG	TAATGATTGG	GGTAA'TATA
404201	TACACACAAA	AGAATGAAAT	TAGGATATTA	CCCTCTCTAA	GACTATGAAG

404251	CAATCAGAAG	AAAACACAGA	GGGGATGTTA	TAAGTCATTA	GTATGGGAAA
404301	AAGAACTTCA	AAGCACAGGC	AATTGCACTG	AGAATATACA	AATGGATTGA
404351	CTCCAGCGAA	GTTTCTGCC	AATGAACAGC	AGCATATAAGC	AGAAATGAAG
404401	GATAACAAAT	GGAAACAGGAG	AAAATATCAG	CAAAACCATCA	CCCAACAAAG
404451	GACCAATATTT	CAGTGTTCGC	GTCTGAGAGT	CACCTCCGCAA	ACCCACAGGAA
404501	CACCAATCTC	AGAAAGGGAT	GGTTTATTGA	ATGCACATCC	TATGTCTGAT
404551	CAGGGACATA	GCTCGGATTA	TTGGAGCTAT	GGCTACCAAT	AATTTTCTPAA
404601	GGGAAGAAGT	TATTTGGAGGA	AAACCACCAT	TAACCTTCATT	TGCAGGGGTG
404651	GTTGGGGGGT	CAGCTTCTAA	TTCAAAGATA	TTTTTAGCAT	AGCATTCTAT
404701	ACTGACCTTT	AACGTAAAGG	GTCTTATGTA	AAAGCTTTGTC	GAATTCCTCA
404751	AGATTAGCAA	ACCTGAGAAC	ATACAGAACA	TAACGAGAGT	TGTGGTCAGC
404801	ATGACCCCTG	TCCGAGTCAG	GTTACTCTTC	TGTGTCACTG	ACTAGGAGGC
404851	ACTGTACAGC	AACAATATGA	AATTGCCGGC	AGGCATGGGA	CAAAGCGGCT
404901	CTAGGAGGCT	TGGTAGGGGT	TTGGGGGGCA	GACCTCAACA	TTCAGAAATAT
404951	ATAATCATAT	GATTTAAACA	CTGGGCAAGT	GATATCAATA	TCATTTGCAT
405001	TTAAAAATGA	GACCTAAAAAT	GCGCAAGAAG	AAATAGAAAG	AGAAAAATAA
405051	CTCATCCTCA	GACAACAGGG	AAATTGCAAT	CAAGGCCACT	GTGATGTACT
405101	AATTTACACC	TAATTTAGAAT	TTCTATTCTC	GAAGAGTCA	GAACGAGAAA
405151	TAACAAATAT	TGGTAGAGGT	ATCGAGAATG	GCGAGGTGGT	ATCTGCTGTT
405201	TGTGGGAACA	TCATTTAGTA	CACCTCACTAT	GCCAAACCGT	GTGGAGGGTC
405251	TCCCTAAAAA	TAAAAAGAGC	CTACTGTGTG	CCCATTTATT	CCCATTATT
405301	GTCAATGTAT	CAAAGGAAAT	GAAGTAAGTA	TATCTAAGAA	ATCTTGGGGC
405351	TCCCAAGTCA	ACTGTAACAC	TATCCATACC	AGGCAAGACA	TGGAAAGTTT
405401	CAAGGCATAT	CTATCCGCAT	ATGAGAAAAAT	AGGGAATATG	TGCTAAATGT
405451	TTTAGTTAGG	GTTTACTGCT	TGTTACAGTA	TACCATGACC	AAGGCAACTC
405501	CTTTAAGGAC	AGCATTTAAT	TGGGGCTGGC	TTACAGGTTC	ATAGGTTTCA
405551	TCCATTATCA	AGGCAGGGGC	ATAGCAGAAT	CTAGGCAGGT	ATACGGTATG
405601	GGAGCCGAGA	GTTGTACATC	TTTATTAGAA	GGCCTCTAGA	AGACTTGGCTT
405651	TCAGGCAGCT	AGGACAATGG	TCTTAAAGCC	TACCCCCACA	GTGGCACACT
405701	TCTTCCCAAC	GGGCCACACC	TCCAAATACT	GCCACTCCTG	AGCCAAGCAT
405751	ATTCAAACCA	CCACAGCAAG	TATACACTAT	ATGTTCAATG	ACTATTAAAA
405801	CTGAATATTT	CTGCTTGGCG	TAATGTGGAT	AAAATCAGAG	GACATCATGG
405851	TAGGTGTAAG	ACGACAACAC	TGAGTGTCTT	ACATCACTGG	CAGTAGTTGA
405901	GAAAAAAATG	GCTACATGTA	AAATGAGAGG	GAATATCTTG	CTATTAGAGA
405951	CAAGAAGAGC	AGAGGGGAGA	TGGGAGGAGT	TAGGTTGGAT	GTACCAGCAC
406001	AGAGCTTAGAG	GGGAAGTGTC	CAATCTGACG	CACAGCAGGA	TAATGATAAC
406051	CTAGACAGTA	TGTTTCAAGG	TAACTAGAAG	TGTTTGAAGA	GGTAAATATG
406101	ATAAATATCC	TGATTTGGTT	ATTATAAACT	GCACAATGCA	ACACATTTTA
406151	CACCTTACAA	ATATGTATTA	TAAAAATAGCA	TGCATCCACC	TAAATATGCT
406201	TCAATAAAAG	AGTCTGGCTA	GCGTGGATTTC	CAAAATGAAGA	TCTAGCTTTT
406251	AGATTGAGAG	GGGGTAAAGG	AGCCAAGAAG	GGGAGATCTG	ACCCCTTTTC
406301	TATTTGAAGT	GACCAGTGAAG	AAGTGTTACG	TCTGGATCAA	ATTAGCATTC
406351	TTTCGACAAG	TTTACATGCA	CGCGGTTTAC	AGCAGGACAT	GGGATCAAGT
406401	ACCTGCCATTA	ATCTGAGATG	CCTCTTCTCT	GGAAACATCA	AATAGGGCCA
406451	AGACTATTTG	GACCAAGTGA	CTCTGAGAAA	GATACCTCGG	ATGGTACGTT
406501	CCATCAGCTG	TTGGCTGCAC	TTGTCAAAGT	ACATGAGCCT	ATGTGTGTTT
406551	TAAATCACTT	TCAGTGTGCA	TGTAATAAGC	AAAAAACCAA	CCAACCAACT
406601	AAACATGCAA	ACAAACCCAA	AAGCACCTGG	AACTCACTGA	TAAATAGTAT
406651	TGGATGCTC	CCAGAAGAAA	GAGAAATCAA	AGCTCACCAC	CTATGGTAAAG
406701	TGGAAGTCAG	CTTGCTTTAC	AAATGTGCGAA	TGATGGGCTG	GGATCAAGAC
406751	TGGATGTGAT	AAGGCAAGTC	TATAAGCCCC	ACTTTGAGG	CTCAAACGGG
406801	ATAAAGAGTT	TGATGCTAGC	CTGAGCTGCA	CTGTGAGACT	TGTCCTCAAA
406851	AGTCAAAAAA	ACCAAAACCA	GCCATCAGCA	GATTTGAAAT	AATTTCATTA
406901	AATTCCTPCA	AGATTAAAGA	AAGTGCTAAA	ACTGGGCACT	GCCGATTTGT
406951	ACGAAGACTT	CACCCACAGA	ATTCTCTAGA	GCTTGGGATT	TTCAATCTAT
407001	GATTAAAGTAT	TTGGCCAGTG	TGAGGTTGTG	TGATGATGGG	TTTCAATCCGA
407051	AGCCCTGTAA	AAGAAGTGCA	CACATACCAA	AGGGAAGGGG	GAGAAAAAGAA
407101	AGGAAGAAAA	CATGAGCATG	GGGTATGGGT	CTAAGAGGCT	AAGAAAAAGAG
407151	GATATTAGGG	GCTGGAGAGA	TGGCTCATTG	GTTATGGACA	CTGACTGCTC
407201	TTCCAGAGGT	CCTGAGTTCA	ATTCACCATC	ACCAATGGT	GGCTCACAAC
407251	CATCTGTAAT	GGGCTCCGAT	GCCCTCTTCT	GGTGTGTCTG	AGACAGCGGA
407301	CAGTGACTCT	ATACATAAAA	TAAATACATT	TTTAAAAAAG	AAAAAGAGGT

407351	TATCAGATTTT	GAAGTTACCC	TGGGCTGCAT	ATGCAACCAA	ACCATGTCTT
407401	TGAAAAATAA	AATAAAAAATA	AGTTAAGCAG	GCCTGGCATG	GGGGTTTCATG
407451	CCTAGCAATA	GAGAGGTCGA	GGCAGGAAAA	TCAAAAAGTTC	CAGGTTTACCC
407501	TCAGCTCTCT	AGTAAGTATG	AAGCCAGTCT	AAGCTACATG	AGACTTCCAGC
407551	TAATAAAACG	CTGTAAAGAA	CATAACCTTG	TTCTTTAAGG	AAAAATGGGTT
407601	TTGACATGAA	CATTAAATTT	TTTCTGCAC	TATGTGAACC	TAACCTACCAA
407651	GTGAATTTAG	ACATAAAAGT	TGTACTTCTT	AAATATTACT	AGGAAACCAG
407701	GAGAGGCTCA	GCAGGAGGTA	GAAGAAAAAA	TCAGCCTTGGG	GTCTTAGCCAG
407751	CCTCAGCCCT	AGGCTCTGTC	CCCTAGAGAG	GAGCCGGGAG	GAGGCTTGGT
407801	TCCTATGACG	CATTTTCTCA	AAAGCATCTA	GAATCCCTCC	TTTGTGAGCC
407851	CCTTCAGGGC	TTATAACACT	GGGGGGAGCC	TGTGTGGAGT	GTGGGCGGCT
407901	TCCCTTGCTTT	ATGAAGAGGC	CGCTGTGGTC	AGATGAGACT	TTTGGAAAGC
407951	ACACTTGAGG	GTTTGAAGGC	AGCAGCTGGT	CTTTCTCTCTC	TCGTGCGTAA
408001	GCAAGTCCCT	ACAGGAGTGA	TTCTATCAGT	TCATTAAGGC	TCAGAGGAAA
408051	CGGTGATGGG	GAACAAGCAT	GGAATCTTAA	TGGCGTGACG	CTATGGTTGG
408101	AGCTAATAAA	GATGACGCTG	CCTTTTCCAA	GTGTGGCTTT	TACGTTGAGC
408151	ACGATAAAAA	GGAGACGAGG	GGATCAACTC	GGTGTCTCT	AATGGAGCTC
408201	AATTTCTGGG	CAGTCCAGGA	TTTCTGGGGA	GAAAGAACAG	GAGTTTGAAG
408251	GGTCTTCCAA	TAGTTGTCTT	CTTTTGTGAC	TGATTTCCTCT	CCACCTCCAG
408301	GATTGAAGAA	TGGCCAGCTA	ACAGTAGGGA	AGGGTCATGG	GAAAGAAAAG
408351	AAAAGCCCAG	ACCTTCTCTT	ATTCACATAA	GTCACAGGTA	GTGGGCGGCT
408401	GGGGGGGCG	AAATAGAGAC	AAGAAAAATA	AACCACCTGT	AAATTTGCTA
408451	CCAAAACCTA	TCCCAGCCAG	TGTAGTGGTA	TATCTCTTTA	ATCCTCTCAT
408501	CATGGAAGCA	GGTGGATCAT	GATGAGTTAG	AAGCCAGGCC	TGGTCTTCTAT
408551	AGGTAGTTCC	AAGACAGCCA	AGACTACATA	GTGAGACCTT	GTTTCAAAGA
408601	AAAAAGAATA	GAAAAAGAAA	CACTCTCTAAT	ATATTAAATT	TACGTTGAGT
408651	ATCGTTTTC	AAATGCTTAT	AAATTAATTG	CATAAATATA	ATTTTCATAT
408701	GCACATATAA	GTAGTCATGC	AGTCAATAAA	TATATTTTCC	TTCCAAATAG
408751	TATATTATAG	ATTCTTTTAT	TTTGTTCCTT	CTTAATAATG	CATGAATGTC
408801	ACACATCCAT	AAGCGTACTC	TATCATTGTA	AATAGCTACT	TGCTGGTATT
408851	TTCTGTGTGG	TTTATAATAT	ATTAGCCAAA	GTCATAATTT	AGACCTTTAC
408901	ATTTCAACAG	GTTCCTGTGA	TCTTTTGAGC	AAAGCTGAGA	TATCCCTGCT
408951	TAGGCTTTAG	GTTTTAATCT	TCTCTCCCAA	TGTCCTCCTT	CCGACAGTGA
409001	AGAGCGCTCT	GTGCTTGTGT	TCTTGCTGTG	ATCTGAGCTT	TCCTTTGTCT
409051	AGAGGCGAAG	CCTTTAGTCA	GGAAGGTAGA	GCTTCCTAAT	TGGGATTAGA
409101	AGCTTTATAA	AACAGATCTC	AAAACTTTTA	CTCTCCCTCT	ACACCTGAG
409151	AAAACACAGA	TAAAGCAGA	CAGGAGAGGC	AGAAAAGATA	GTTCCTGCTC
409201	CACAAACAAG	TGTATAGATC	CTTATCTAAG	TAGTCTCTAT	GTAACCTTAA
409251	CCCTTGACTT	CCTGGTCTTC	AGAATCGTAA	GAAATAAACG	TCCTTTGTCT
409301	ATAAGTTAGT	CAGTGTGTGC	TGTTCTGTTA	TGGTATCTAA	GATGCTCCTG
409351	ATACCAACTG	AGCGTGTTC	TTGCAGAAAG	CTGATATATT	AAGTGGGGAG
409401	GGGAAGTTAG	TCCCGTGAAA	AAGTAAGTGA	GCATCCTTTC	ATGTATGTAA
409451	CTATGGATTG	TATATAGATA	AGCATGATAA	CATATGTGTA	TTCTATATAT
409501	GTGCATGCAC	ACATGTGATG	TACAAGGACA	TACTCATTTT	GTTTTAAAGCA
409551	GAGTAGATGT	AACTTAATGA	AGGAAAAATA	AGAGAAACTT	CATGAGAATG
409601	GGAGGGTTTC	TGAAGGGAAA	ATATCCCCGA	AGGACATGTT	TTTAAAGATG
409651	CCGGTGATAT	ATAATTCTCG	GTGTTTTCAC	AATATATGGC	AGACACCCCT
409701	CCAGGTCAAC	TAGTATAGGT	TATTAATTTT	TAACCTCCTAT	GTGGTGTTCC
409751	ATCCTAAGGA	TTGTCACTAT	TCATCCAGGT	ATCTCTTTAT	TAATGGATTT
409801	GGTTTCCCAT	CAACTTTTCT	TTATTAATAC	TGAAAATACTA	AGGTTGCGAT
409851	GATCATCTCT	GTACATAGAT	ACTTGCACAC	TGGGGTGTGT	TAATTTCTAT
409901	AGTTTATGGT	CCCTGGAGTG	GAACCTCTGA	TAGAATTGCA	TGTGCGTGTA
409951	AATTTTTTAA	AGAGGCCATA	AATCCCTTTT	ACATGTGTCT	GCCGGTGATA
410001	GATGAGAGCG	CCCTTGCCTC	GAATCCCATC	CTGATAGACA	TTAGGTGCTA
410051	TTACATTTT	TGCTTGGCCC	CTGAGATGGG	GATCGTCATA	GTCATTTTAA
410101	TTTTCATCTC	TCTGCCCAT	AGGGGAACCT	GAACATTTTA	TCCTTACTTG
410151	TTTCTGTGCA	ATTGCCCTTT	CCTATCTCCA	ACCCATTTTG	CTATCAGTTT
410201	TGACTATTCT	TATCTTTTAA	AATTTGTA	GAGCTTGTCT	TAAATTTAG
410251	ATATGAACCT	GAATCCATCA	TTTGAATTTA	AAGGATTTTC	TCCAACCTGT
410301	TTGCCTTGGG	ACTTTATATT	TGGTATCTCT	TGAGCTCTAT	ATAATGCCTA
410351	AGAATTTTAT	GTATATAGAT	GTGTAATATA	CATGGTACAT	ATAATCTCT
410401	ATTAATTTAA	AACATGTCTT	CTGGGCCAAG	GAGATGGCTC	AGTAGATAAA

410451	GGCACATTGCC	ACAAAACCTTC	AAGACCTGTG	TTACGTCCCC	AGATCCCCCA
410501	AATTATCCTC	TGATTTCCAC	ATACATGCTA	TAGCATATAC	ATGTATTGTG
410551	CATGTTTACCA	CTCATACCAC	CTCCTCCATA	TGTGAATAAA	TGAATATAAA
410601	TAAATAACAA	AAACATGAAC	CCAACAGCAC	CAGAAAAGAA	CAAGTGGTTT
410651	GGCTCTTACCA	TGACCTTTGC	CTGCTTGGG	TTTTTGTTTT	TGTTTTTTTT
410701	TGTTTTTTTT	TTTAGGGGGG	GGTGTTTGTT	TTTGTTTTGT	TGCTCAGCTG
410751	AATCCAAAAT	GGCTGGTTCT	GGAGCTAAGA	AGGACTTTAG	GTAGGCCAAG
410801	CCAAGACAGT	TAGATTTCTCA	CATACAGAGC	ACTGGCTGGT	AGTTGCTTGT
410851	GGACCTTATT	AATGAACACA	GGCCTCTAGC	TAGGGCAATT	CAGTGGTTGT
410901	GGAGATTTCG	ACAATGCTAG	TGAATATAAT	GTGGCCCCCT	TATAGTATGT
410951	CTCACGAGCT	CCTTGGGCTA	ATCTCAAGGG	CATGCAGTTT	TCTATCTCTT
411001	CAGGGGCTCAG	AACTCCACAG	CTGCCCCAAG	ATTTGGTGAT	GCCAGTAGAC
411051	CGTACTTCTG	TGAAAAATCA	TCACTTTTGC	TTTTCTCAAC	TCTACTTGAG
411101	CATGTTGGGG	GCTTGATTAA	GCTGACAACC	AGCCAGACTT	CTGAGTTTCA
411151	AGGATAAAAC	ATATTTAGGT	ACAACCTGTA	CTTCAAGGTC	ACCACAGTGT
411201	CTCATGCAAT	GGGGTTACGA	TTGATGCGGT	TATTCTGAAA	TCTCATCTGT
411251	TCTTAACGTG	GGACGAGAAG	GTATCGTCGT	AACAAAACGTC	TAGATTTCTA
411301	GACACATGTC	TAGTCTGTGC	ACAAGCTCAG	TAGAGGGCAT	GACTCACCAC
411351	CTCAACCTTC	CTCTACAAAT	ACCGTTTCTT	CAACACCTAG	CTATAAATAC
411401	AATGCTCCAT	TTTTTCCCTA	AAATAATTAA	TTTTTACTTTC	AAGTTTCAAT
411451	CCACCAGGAA	TTTATTTTGT	AAGCTAACAC	TAACTTTTAT	TCTTATCTTC
411501	AGGAGACCAA	TTTTATTCTT	CTCCATAGGG	GACGAAAGGA	TGCATCTGAC
411551	TTGCACTCTT	AGTCAATAGT	CCATCATAGG	AGGAAAGTCAG	AGTATGAATT
411601	CAAAACAGCA	ACTGGAGGCT	GAATCCACAG	AGAAATGTTG	CTTTTCGGCT
411651	CATTCACCGG	CTTGCTGCTA	GCTAGCTTTC	TTATGCTACC	CAAGACTATC
411701	TGCTTAGGGA	ATGGCGTCAC	CCATAGTGGG	AAGGACCCCT	CCATATCAAT
411751	TGAGGCGAGT	AAAACAGCCT	TCCACAGTAC	TAGAACATCT	ATCAACTGAA
411801	ACTTCTCAGA	CCAGTCCAGG	CTATGTCAGG	TTGACAAAAG	TAAACGGGAC
411851	AAAGGGTTTT	AAAGCTTTTT	TTTTTTTTTT	AACACAAAAT	GCAACCTTTG
411901	TAAATGATTG	CTTGGTGGTT	CATACTATGT	AATGTTTTTA	TCACTCTCCT
411951	TTGAGACATG	ATAACACTTT	GAATATTTAG	CACATATAAA	TCTATTTGGG
412001	ATGATGCTAT	GCTTGTGTGT	TTTTGAGTCT	GTCTCAGTGT	ATACATGATT
412051	TAAGAAATTG	CAGTAGAGAT	TACAAGATAA	ATGATTTAAC	ATTTTCCACAA
412101	GTTTTCATTT	TGCATAATAT	GTAAGATTAA	TCACTTTAAT	TTGCTGTTCA
412151	TCTGGTTTAT	AGAAATGTAG	ATGAATAAAT	GTAGATGATT	AATAAAAAAG
412201	AAATCAAAAC	TTATGCAATA	ATGGATATTA	CTTTTAAAGA	ACTTAATGTA
412251	GGTTTGTCCA	GCTCATAATT	TTGCCCCACA	GGTCTCATTT	TCATATATTT
412301	CTGATTTTTA	TCAATACTGT	ATTTTAGATG	TTTTCTTTAT	TTCCATGTAT
412351	AGTAAATTTT	GTTTATGTAG	AAAAAGCTAA	TGAAATTTATC	TCTTTACTAC
412401	CCAGCTTTTAT	CAAAATCTCT	TTTTTAACTT	TTTTTGTTTT	TGCTAGAGTT
412451	TATTTTGTAT	GTCAGGCTA	AAATTATATT	ACCAACAAAA	ATCATTTTCA
412501	CTCTTTCTCC	CACATTCGTA	CTGTCCATAT	TATACAACAT	ATGCACGTGT
412551	AATGCAATCA	TTTCTTAGCA	TATACAAACA	ACATTTAAAT	ATAAATGCCAA
412601	TACTATAGTT	TCTTATCTTA	TTCTTTTATT	TGACATGAAC	TGTTATGTCT
412651	AGAGACAGGG	TCTCATGTAA	CTCAGGCTGA	CTCTAACAT	ACTAGTTAGC
412701	CAAAGATGAT	CTTGAATTTT	TTGATCCTTC	TGCTTCCACT	TGCTGAGTGC
412751	TGGGACTTCA	GGCATGAGTC	TACACCTGCT	CTGTGTGGTA	CTGAGTATTG
412801	AACCCAGGGC	CTCATGAATG	CTAAGCAGGT	ACTTTTACAA	CCAAGCTACA
412851	TTCCAGTTTC	AAAAATTCAT	TTTTAATAGA	ATAGCTCATG	TTGATTTCTA
412901	GCTGTAGGTT	ACCTGTGCCT	CTCAATTTGT	TTTCTCATTT	TAGAGTCCAG
412951	GCCAAGTTCA	GATTCTTGGG	GGCGGTGGCC	ATTTTTPATA	TAGAGAAAGT
413001	TGCCACAGCC	ATTTTCATTTA	GCTCTAAAGA	AGTCCATAGC	TATTCCTCTT
413051	GTGTTTATTG	GCCAAACCCA	ATAAAAATGG	CAGATGAAGG	CCCATAGGTG
413101	GTATGATGTC	AAGGCTGTGG	AGAAATATAA	TCTACCCACA	GACATGACAA
413151	TAAGTAACAA	ACTACACAAC	AGACTCTACC	ACAGCTCACC	ATTTATGGTT
413201	CTATTGTGCT	CTTTCTCATA	CATGACCTTC	ATGGATGGCC	TTTCACTGTG
413251	GCTGTGTACA	TTCTTTCTAT	GCCTACGGCA	CTTGGTGTGT	GTTTAAAGTA
413301	GGTGTGGGAC	TAATCCAGAG	GCGGTGCCAT	CCACGGACAA	GGTGCAGTTG
413351	TTTTTGTGTG	TTTGTGTGTT	TTTTTGGTTT	TTTTTGGTTT	AGTTTGTGTA
413401	TGCAATACAA	ATAATTTCCC	CATAATCAAC	TCTTCTTGAG	TTCCAGAGAT
413451	AACTGTACTG	AGAGCTGTGA	ACTAATCCCC	CAATAAATCA	GTGAATCTTA
413501	CTTCATAAAT	CATAGAATTA	TAGTCTTTTC	CCTCATCGGC	GTAATTAGCT

413551	GATAATCATC	TCTAATGTGA	ATTTTGGTTT	TTTTTTAAAT	TTTTTAATTT
413601	CACAAATTA	AATAATTTAT	CGGTGTTAAT	TTGTTGAAAT	ATTTTCCGCA
413651	CAAACTTAGC	CTTCTACAT	TGTTGGATT	TAATGCTTGT	TTTTCTCTCT
413701	CCTCTCTCT	CTCTCTCTCT	CTAAAAGACA	GAATTTTATT	AGCAAGCCCA
413751	GGCTTGCCTC	AAACTTACGA	TCTTCCAGT	TTTTCTGTGC	TAAATAAAATA
413801	TACGTGCTG	AATAAAGTTG	TCTACATGTG	TGTGATAGGG	GGGATGATAT
413851	ATGTATGTAT	TCATGCAAA	GTGTGCTTAT	GTGCATGTAA	GTGCATGTGA
413901	GTGTGCGAGT	GTGCACACGT	GTATTTGGAG	GGTAGAGTAC	AACATTCTGC
413951	ATCTTCTCTG	ACCACGCTAA	CTTATTTGTT	GGGACGGTCT	CTCATTAAGC
414001	CCGAAGCCCA	CCAAGTCGAC	GAGTGTGAGCT	GCCTAGTGGAG	CTCCAGGGAT
414051	CTATCTCCCT	TGCTTCCCA	GAGCTGGGAT	TACAGATGCA	AACGTCCTCAT
414101	CTGGCTTTTC	ACATGGGAGC	TGGAATCCTA	ACTCAGGTCC	TCATAGCTAC
414151	ACATCTGAGC	CATGTCCCT	AAGCCTTTTG	CTTCCAAAAT	AAAATTCATA
414201	TGAGAATCCT	TTGTTTAGCG	TTAGCTTTCA	AATGCATGCA	AAGCCTTCCT
414251	TTATCATATT	CTTTTATATT	TTGTGTGTGT	GATCATATTT	CTTAATTCAT
414301	TTCAAACCTG	TAATTTTTTC	CATAAGCATG	TGCTGATGTT	ATAAATCTGT
414351	ATCACATGAT	AAGAGGTAAC	TTTATAGCCTA	AAGTCAGTCT	GTGAATGTGA
414401	GGCTCTCAAT	ATGAGTCCCT	GAAGTGGTGT	CAAGACACCA	GACATGGGGG
414451	CTGATCCCTA	TAGTACCAGT	GTTGACAAAA	TGGAGACAGG	TGGATTCTCTG
414501	GGGCTCACTG	ACCACTCAGT	GCTCTATAGG	CTAGCTAGAT	ACCTGACTCT
414551	TAAAAAAGAT	GAACAGTGTC	TACGACACTA	CAACTGAGGC	TGCTCTTTGG
414601	CATCTACACA	CACACACACA	CACACACACA	CACACACACA	CACGAACACA
414651	CACACGTGTA	CACACACGAA	CACACACACG	TGTACACACA	CACACAGACT
414701	ATTCTCAGAT	CTTCAGAGGC	TGAGGCAGGA	GGATCACAAA	CTTGAATTTCG
414751	ACCTGGGTCA	TATCACAAAT	TAATGCTTTAT	AAAAAGGAAA	GAAGGTAGCT
414801	TTTTAAATAA	TATTTCTTTT	ACTATTTTAT	TTTTCTGATAC	ATTGTTTTTAA
414851	GCCTATTTAT	AAATTTTACT	TCTAATTTAT	CTTCTGTGTA	TTTCTCAAGT
414901	AAACTACTGG	TCTTTTGCGA	TTTTTAATCA	TAAATAGTGG	AGCTCACTAT
414951	AATTAATATT	ATCTTAGGCA	GTCTTTTATT	TCTTACAATA	TAGACTCACT
415001	CTTTTCTCTT	CTAGACTGTA	GCATAAAATT	TACCATAGCC	CCACCTGAAT
415051	TATCTCCACA	CACACTCAGA	TACACTCATG	TACCTTTTGT	TAGATTTCAT
415101	TCACCCCTCT	CCGTGATTTA	AACTAATGGT	TTCCAGAGTT	CCCAGAGGCT
415151	GCAAGCTCAA	ATTCACACAT	TCCCTCATGC	ATACAACTAG	TCCCATAGGC
415201	TTAGCCTTGC	CAACATTTCT	CTAAATCAAC	GATAAGCATC	CTTTTCTCTGG
415251	TTATCTGTAG	CATGGTCACA	CAGTGTAGGC	TGTTAGGATT	TATCTTTCTT
415301	CTCTGCCTCG	CCCTTCCACG	CCATTTCTGT	CAAAACACAA	ATCTTGTGTTT
415351	ATATTAACAG	TAAAAGTTTA	CGGTCCCTCT	GTCTACTCTC	TGCCGTTGTT
415401	GCCTTGGCTT	TAACACTCAG	CATCTGTAGC	AGATTATTTC	AAAGATAACA
415451	GGCTTTCCCT	CCATTTCCCT	TCTCCCTATC	CTATTCTGTT	GCAAACCTAC
415501	CCCCACCCCC	AAACGTCAT	GTTCATGCTA	AGATGCAAA	TTTCACTGTAT
415551	AAAAGATATC	TTTTTAGGAT	TCTCACCTTT	TCCAAAATAA	AGTCCGCAT
415601	GTCTGCACAC	CCTTCCCTCT	CCCTCCAGAA	GGGAAGACAG	GGATAGCAGG
415651	AACAGCATTT	TTGACTCAG	TAATGAATC	GTTTATCAAT	GTGCCCTTAT
415701	CCTCACAAA	TTCTGAGCAC	AGAAAAGCTT	TAACTAACAA	TTACTCTTTT
415751	GTGAGCTAGG	ACTTGTGTTA	GGGTTTATCT	TCTTTTATTT	TTTATCATTT
415801	TAAAAGACAT	GGAAATGCCT	TAGCTGTTTCA	TATAACTATC	TTACTGATGG
415851	TGGTTAAACAT	TAAAACCACA	ATGCTTTGTG	TGTGAATGAG	TAAATATGGG
415901	TATATTGTAA	GTATCTAGTT	AATATCCATA	TGTAATAACT	TATGTAATAA
415951	GTCAATAATA	GTATGTAGTA	AGTTATAAAC	ACAGTCTTAC	ATCATAAGTG
416001	ATGGTACTAG	GTAGTGGGTC	CCAAACAAAA	CACACCATGC	AACAGGTCTC
416051	ACGTGGGAGG	TTTATTGAGG	CATAGAGGCA	GCCTCTAGGG	GAAAGAGGAA
416101	AGAAAAGAGT	GGGGACAGGG	AGACCGTGAT	TTTTTATGGA	GCCATGGCAG
416151	ATGCACAAAG	AGACATGCAA	CAAGACGTGT	CTCTGAGTCC	CTCAAAAGCT
416201	GGCTGTAAAG	ATGCCTGATT	GTCGCGGGGT	CGCATTTAGC	TGTCATGGA
416251	TGTGCCTGAT	TGCTAACCAAT	AAGTTTCAAA	GTGGAAAGGC	TCCGAGTCCC
416301	TGATTTTCCA	TTTCACTATA	CTTAGCAGAT	TGGCTTTTAT	GTGTATGTTT
416351	ATTTTATCAT	GAAAGCAAGG	TGACAAAGGA	AAAAAGAAAG	GAGCCCCACAG
416401	CAGTGGAGCT	TCTTCTGGAG	CCGAGTGCCT	CACAAAGGAT	TGTAAAGTTC
416451	TCTCTGAATC	CCCACACCCG	GTTTTCATTT	GCATCTPCCT	AGCCAGAAAG
416501	AGTCACCTGA	CTGTTCCCTAT	TAGCAAAGCCC	AAGAGGTTTC	GACGCTCAGT
416551	AGTGGATGGA	TACAAGAAGT	GGATGGGGGT	GGGGAGAGAA	CGACCAAGAG
416601	ATGGGTCCAT	AATAGATAGG	CAAGACATCT	TTACTGTCTT	CAGTTCATAG

416651	ATGAGACCAA	GTTACCCCA	AGTCTGCTA	TTGGTTATGG	GTGGATCTTG
416701	GATTGAGCAC	CAGGTCTTAC	TTCCGAATTT	TACACATCTC	AACATATTCG
416751	CAGTTTCTCA	TGTACTCTGA	CAGGATTTCA	GACAGGCGTG	GTCAGGGGTC
416801	ATTTTCTAAC	ACCAGTTGTT	TTCTTTGAAA	TCACACCGGA	AATGTTCTCA
416851	GGCATTTGCGC	AGAGTTACTT	ACGACGTTCT	GAACATGACT	TGCTCTTGTA
416901	ACCAGTTTCC	TTTTTTTTTT	TTTTTTTTTAA	TGGAACCTTA	GGGACCACGC
416951	TAGTCTGTCT	TTGAAGTACA	TTGCACAGAA	AGCAGCCACA	TACAGTCTCT
417001	GACCTTCCCG	AATCCCCAGT	TGGAAATCCC	TGCCAAGTTT	GATCATTGAG
417051	CTTTGAAAGT	GGGTTTTPAGA	CACAGTCTTC	TTGACCTTCG	GCCACTCCAC
417101	TTTGCCTAAT	GAATATCTTG	TAACITGGGGA	AAGACAGTTA	AACCTCTCTT
417151	AATATATCAA	AGACAAGAAA	TGAAATAACT	ACCCACGAGG	AAGGTTCTATT
417201	TCCACAGCGA	TTTTCTAAGG	AATAAAATAT	GCATACGAGA	TGCTGTGCCT
417251	TATGGTTCTT	TCATCCTTCC	TTTAATAAAT	GAGAGTCAGT	GGGGCAAGA
417301	GTCCAATCTT	TCACTGGTGC	AAAAAGAATT	TAAACCTTTT	ATTAGTGACT
417351	GTGATGTTTG	GGTCCGCTAA	AAAGGAAAGG	CGATTTCAAA	TGATCAGTGC
417401	GGGGAGTGTG	TGTAAGCTGT	AGACAGCGTT	AATGGCGGTA	ATTCTACCCT
417451	ACTGGAATTC	ACTCTTCCCC	TGACAAATAG	TTTCACTTCC	ACCTGCTGCA
417501	GATCATTTTC	TATAGAAATA	AAGCCATGGG	CAACTTACCA	GTTAAGGGTA
417551	TAAAAACAAG	TCCTGAAAAAC	ATGTAGATGA	GAGAAGAAAT	ATGTATTTGA
417601	AATAATATAT	ATCTCAAATA	TACATTTGAA	ATAATACATC	TCAAAATATAC
417651	ATTTGAAATA	ATTATATCTC	AAAATATATAT	TTGAAATAAT	ACATTTTTTT
417701	TCCTTTGGAA	GCAACATAAC	CTTAACTAAA	TTGGGTAAAA	AAGGTGTGCA
417751	TTTGTCTCTA	GAGGCTGGAT	AGCCAAGAAG	ACTCTTGCTA	CTCTGAGGTA
417801	CACATAGACA	AAAAAAAAGT	CCATATTGGT	CCCAGCATCA	CTGATGGTTT
417851	CAATGATGCC	CTCATCTTTC	TTTCCAGCCC	AGGCAGCGAG	TGTTCTCTGT
417901	TTGGAAAGTAT	GTTAATCTTG	GCGAAATAAA	TACAGTAATA	AAACCTTCAG
417951	CTTGGACACG	GACCCAGGCA	TCTCCTTGTA	CAATTATCCA	AGTGCTTCCG
418001	AGAGACTTGG	CTTTCTACAG	GGGCATGAAT	TCAAAAGTGA	GAAAAAGGCT
418051	AAAGCACACA	ATTGTAATAA	GTA AAAAGAG	TATATAACAT	AATTTAGATG
418101	TAATAGTACA	TAGATGACCC	CTGTCTTACA	GTTTTTCAAC	CTGAGATGTT
418151	TGACTCTGTA	ATGGTGCAGA	GTGGCACACA	TTTCAGTAGA	ACCATATTCA
418201	AACTTTGAAT	CTTGATTTCC	CTCTCCCTCC	AGGGTTGGTG	ATATGATATG
418251	TAGAACAATA	TCTTGGGATG	CTTCTGTCAC	GTTTCAATCT	CTATACATCT
418301	GGAAAGATAG	ACCCACATTT	TGCCATACAC	TACATTGCTG	GGTTATGATG
418351	GGTATTTTAA	ATGCATCTCC	AACTTCAGGT	ATTTCCACAT	TGCGATGGGT
418401	TTATCAGACT	ATAGCCCCAT	GGTAAGTCGG	AGTGTATTCT	TACATAGGCT
418451	TAATCCTGAG	ACCCCTCTCT	TTTTATGAAC	CTAAGATGAA	ATATGATGGA
418501	CAGAAGCAAA	CCCAGCAATG	TTCTTCATAC	TTAGTTTCTG	CAATATCTGT
418551	TGCTATGGAA	ACGTGAAAGC	CTCAGCAGAT	TTCTTGGGAG	TTAAGGGTCT
418601	GCCTGCAGAC	TTCTTTCCAG	ATGCCAGCTT	GCTTGTCTGT	TAAATAAAC
418651	TTGGCATTTA	TCACACAGAA	GAGTTTATCT	CAACCCATAC	TAGGATACCT
418701	ACCCAGGGTG	TCGAGCGCAG	TGCTCACATG	AGCGAGGTAT	TTAGAGAGTA
418751	TGAGAGAGTC	GCTCTATTAGG	TGCCTTGGGG	CTTTAGATT	CAAGAACCT
418801	GTCAACTTTG	ATGGTTTTTTC	TCTTCTCTCA	TCAACACTTC	CCGTAAAGAA
418851	AGAAATCTPAA	AATGGGATCA	GCTGTTAGTG	GCCCGATGAC	AGGCACTCAC
418901	TTTTGTCAATG	AAGTTGTCTG	CCTGTGTTAA	GCAGCTTAGG	CTTTCTTGGA
418951	TACAAGTGAG	AAAAATCACA	TTTTGCTGTA	GACATTTTCG	GTCTGCTCTT
419001	TAAAGTAAT	TTCCCCCTAG	CAATTAGACA	GCAGTTTGTCT	CTCAGAAAGC
419051	TGACTAATTA	ATTAGGAAGC	ACTTAAATGA	GTTCTTTTCAA	AATGTCTGAA
419101	CATGTTCTTG	CTTCTCCTTT	CCGAACCCCT	CTCAACTTAA	CTAATAGCTC
419151	TTAGAAAGAA	TCCCTCCAAC	AAAGATCACA	TGATAATTAC	TAGTATGCTC
419201	TACCTCTTGG	CCTTAGTTTA	AGAAAGTGAT	TAAATGATAA	CAAAGTCTGC
419251	AGGGTGCATT	ACCAAGGCAGC	TGTTGATGCC	TTAGTTGCCA	CCCTGACACA
419301	ACTCACATCT	CTAGCTCCCT	CCCATCCTGT	GATTTGTGATA	CCATTGACT
419351	GTCCGCGCCA	TTGTGGGAGA	AACCCAGCCT	ATGTGCACAT	GGACATTTT
419401	AGTGTTCAG	CTGTAGGCTT	GGCCTTCTAC	CAAGTGTCTC	TCGTGTCTTG
419451	CCAGCCACGG	CTCATTAACC	AAATGATCTC	CAACCTTTGT	CAAAAACATG
419501	GAGATACAGG	AAAAAGCAAC	ATCTCTTCTG	TCTTAAACA	GTTGGAGGAA
419551	AGGATGCCCT	GGTCCAACCT	GTGGGCTGTT	TATAGTGACC	TCCCTCCACA
419601	GAGTACAGCA	CAGGGGGATG	GGGAAAAGGT	GTGAGCTTAC	AGTACGGAGC
419651	TCTGATGGCC	ACTGCCTCAG	CCAGTCAGCT	AGTGTCAACC	TCAGTAAATT
419701	AAAAATCATGC	TGATGGGTTT	TACCTTCAAA	GATTTATGCTA	AAAGAAGTAC

419751	CATACCCCTG	TGATCTTCTG	CTCCCAATC	TGCACAGCAG	AAGCACCTAA
419801	AATGCACCAG	ACAAACCCAA	GTAGTGGAGC	ATCCCAAGAT	TCACCTGACT
419851	GGTGTACTCC	TCGCCTCTCT	AGGTTATCAG	AGACAGGCAC	AGTGTGAGCA
419901	TCTGTACAC	GTAAAGAGGAC	CCAAAGGAGA	CAGGAGAGCT	AACGTGACAC
419951	TAGGA'TCCTA	GATGTGACCT	CAGGT'TAGAA	AGGGGCCACC	GCAGAAAAAC
420001	TAAGACAATC	TAGTAAACT	CTGGCT'GTA	TCACCCGTCT	GTTTCATAGTA
420051	ACAAGTATTC	CACAAGGTGT	TAAC'TACAGG	GGAAACAGTA	GGCTGTGGAG
420101	CTGTCTCTGC	CAAGTCTGTA	CAGTCAGCCG	ATGGATATTT	TATTTTCAGTC
420151	CAAAAGT'TCT	GT'TAAAAAAA	AAAAAAGCAA	AAAAAATAAA	CCCCAAAACA
420201	ACAACAACAA	CAACAACAAC	AACAAAACC	CTCCTTTT'TG	TGTT'TTAGAGC
420251	TGGTTTTAG	CAT'TTCAAAA	CCCT'GAGCTG	CCCT'TGGCAG	ATTC'TGTTTA
420301	TCCTCGGCAT	CGGGGGATTT	ATGGGTCTTG	GATT'TGACTA	TGGGAAGAGA
420351	CTCCT'TAAAG	CCCATGATAC	AGAATATTTT	ATAATGCCCG	TGGGGATGTG
420401	AACAAGGCTA	ACCTCTTAGC	AAGACTGGAT	AGCAAGATTC	CATACAATTA
420451	CAGTGTACTT	TGGGAAC'TCT	TG'TATCAAAC	CT'TTGTAGAA	CTGGATGGCT
420501	GGAGCTAATC	AACTGGACTG	TGCTGCCAGC	AGCCAGGCAG	AGCGGTGGAG
420551	GGTCTCTTTC	CGTGAGACAT	GGGTGAAGCC	GATGACAGTC	AGGCACCCAT
420601	TG'TGTCTCCT	CAGCAGT'TCC	TTGAAACATC	AAACACTTGT	CACAACATCA
420651	ATGTGAGTGG	CATCCT'TTCT	GCT'TAGACAC	CATGGT'GAAA	CAGAGCAAG
420701	TCTATGT'TGT	TGCTGT'TTGT	CCCACACATG	GATGT'CCCTG	GCTATCT'TTA
420751	AGATTTATGT	TTCAAAGT'CC	CTGGT'TGGAT	TAGAAAGAGT	CAGAT'TGTTA
420801	GCCGATACTA	TCTACCAGTA	GTGGGCATTA	TATTGGCAA	GTATTGT'GAA
420851	CTGTTT'TAGT	TTGTTGAAAG	TAGACTATGG	AAGCAAGGGG	CCCTCTCTTT
420901	GT'TPCTCCT	CTCTCTCCT	GCCCTGTCTCT	GAGTCAGGCT	GGCCCCCTGGC
420951	TTTGTGACAG	AGAGAGAGAG	AAAAAATAAA	AAAACAATGT	GCATATAAGA
421001	ATATTGAAAA	CATTGCACCC	TTGAGAACAG	TAGAAAGAGA	AACTAT'TACC
421051	AAGAGACAGA	GACATTTCTG	TTGTTTATCC	CATGGCATAA	ACACAGCAGT
421101	GGTGGGAACG	GATGCCAGAT	GGTCATTCC	CAAGGAAAAA	CTCAATCAGC
421151	AACCTAGCT	GACCATTGCA	ATGTCTCTAG	TTGATTTCTG	CTTACGTGTT
421201	GATAAGCCTT	GATTTGACGA	CCTTACCTTG	TTTGTGCTCT	ATCAGGACTG
421251	TTCACGTCTT	CTGTGCTGGC	ATCTGTAGAC	GTTCTGATGTG	ATCATGATTT
421301	GCTATCTCTT	GCTGTTTACA	CCCATCAC'TT	GGTAT'TTGTG	C'TTGTGATTTG
421351	AAATATACTT	AATAAAT'TCC	TTCAATTCGAC	ATATCATGGG	CCATTCTCCA
421401	CACGTGACAG	GACAATATTT	GTACCACTGT	T'TCTTCTACA	CGTCTGCTG
421451	TGTT'GCCAAA	TAACACCCAAA	AAAAATATGTC	TTTCAATGGT	CT'ACCTT'CTG
421501	GTGCCCTCTGT	TTAT'CCCAAA	GATGGGTGGA	GAAAGACCAC	AGACCCAAAT
421551	CATCATGGCC	AATTAAT'TAA	AGCAAGCTCT	TTGATTTGGG	TACACAGGCT
421601	ACCT'CCCCCT	AAGGTGGGCC	TCAAGAGGTC	GGCCTTGGAT	TCAAGGAAGA
421651	CAAGGCT'TTT	ATGGCTCACA	CCTGGGATTA	AAACAAAACA	CATTCATATA
421701	ACACT'TCTGT	GT'TTTTAAAG	AAACCAAAAT	TCTC'ACTACG	TG'TGCT'TATA
421751	ATCCAGAATT	GGAAAGGCAGA	AGTTGAACAA	T'TCCAGGGAT	TGAGTGGCCCT
421801	GCCAATCTAG	CCAAC'TGGTG	ACCTCTAGGT	ACAGTCTCTA	AAACAACAA
421851	AGTGGAGAAA	GATAAAGGAA	GACACCCAAC	ATTGACTTTG	AAACACATCA
421901	CACACACACA	CAAA'TGAATA	GATAAATAAA	AAAATGAAAC	TTCAGTAATT
421951	TTCATTTAAC	TTTTTTCAGA	CTACAGTTGG	GTTGGGATAA	CAGAAAAC'TGT
422001	GGGAGACAAA	GCCACAGATA	AGGGGGTGGC	TACTGT'GATT	GTTAGTAGTG
422051	CCGTCTTCCA	TGCTTGAACA	TGCTGT'GCTT	TGGATT'TGTGG	TTACACAGAT
422101	CGCCATAACT	GTATCACAGA	GTCTTCTGAT	GCT'CCAGGAT	TAAAAC'TPCC
422151	AGGAACAATT	CCTGCTGCTG	CTGCTGCTGC	TGCTGGTGCT	GCTGCTGGTG
422201	CTGCTGCTGC	TGCTGCTGCT	GGTGTGCTGC	TPCTCTCTTC	TTCTTTCTTT
422251	TCTCCTTTT	TTCTCTTTCT	CCCCCTCCCT	TCTCTCCCTT	CCCCCTPCC
422301	CTCT'CCCTTC	TCCCTTCCCT	CCCTTCCCTT	CCTCCCTCTC	TTCCCTT'PCC
422351	CCTCCTCTCT	CCCCTCCCTC	TCTCTCTCCT	CTCTCTCTTC	CTCTCTCTTC
422401	TTCTTCTCCT	TCTTCTCTAGA	CAGCAGAGCC	TGGGGCTCTT	TAT'TGCTCCT
422451	CTACT'AAACAA	TAAAAGGAAG	CAATACCCCT	CCCTTTTCGCT	ACAGCTGCTG
422501	AGCAGCCACA	GGGGACAGCC	CCCACCCCTG	TCATAGAGCTT	AAAGGGCTGC
422551	TTGGT'PCCCTG	TAGAAGGAGT	GGGAGGCACA	GCCTCATCGA	TGTTCTCTCT
422601	GTCAGGGAGA	GATCTTTTCC	TCTAGCCCGT	CACTCTCTCA	GCAACGCCAC
422651	GATT'CCCCCA	CTTCTTTT'TA	GTCCATATTGC	TTGCTGT'GTT	GCCCACTGCG
422701	GTTC'TAAAAAT	GTCAGGGATG	TAGGAATGTA	TAAAATGTCA	GGCCATCTGG
422751	AAGAACAACC	GGGCTGTGAA	GGT'TATAACG	ACCTCCAGGT	GCAT'AACTCT
422801	ACTCACCCCA	CACAGATAAT	T'TCCCAAGCC	CATCAGT'TTC	AAGAATATGT



422851 CTTTTCCTGG GGACAGGAGC AGCATTTTAA CAGAACAGAC CCCTGACAGT  
422901 CACCTGTCTT CCAAAATCTG GATAAGTTGC CCTTTAGAGG TGACATAGAG  
422951 GCATCTCCCT CTATGGAGTC TGTCAGCATG GTCTCATGAG ATGCCACACT  
423001 GAGCATTGAT AACTAACCTG TTGGAACAGG GCCTGGAGAC AGAAGTGCCT  
423051 TAGTTCAACC CCAACTTTCT CGTCCGTGGC TATTTACTGC AGTCCCTCACT  
423101 CGTGATAAAC ATCTTCAAAC ACTTTTCTGG CTTATATAGT TTTGTCTTAC  
423151 ACTAAGTCCA TAAAAATTAG CAATTCTACC CTTAAGCTCC TTGGTAGTTC  
423201 TCTGCACTTC TCAATCTTTC TAATTTTAA AGGGGGCACC ACCCACTTTT  
423251 AACACGTCTT TTGCACGGTT AATACAGTCA CAGAGAGAAA TGGAGTTTCT  
423301 ATCAATGGTC AGTTATGGAT GGAGGAAGGG CTCATGGGCC TCTAGCCCTT  
423351 CCTGCTGAAC TATTGACTGC CATCAGATTC TGGGAGTGAG GGGGAAACCA  
423401 TCACCTTCAG TCCTGTATCC AATGCTGAAT CCACCGTGCA TCAGTGGATA  
423451 AGTACACACC TGTGGTCCGT CACGCAGATG GCCCGGTCAA ACTCAGTGGG  
423501 TTGCAAAACA AAAGACATGA ATGTGGGAAA GAGATAGGAA AGAAGAGAGG  
423551 CAGCTGGGAG TGGGAAGGAG ATAAGAGAGG GTGGGGTGGG GAAAACAATC  
423601 AGAATGCATT ATGGACATGT AATAAAGTAT GACATTGCCC AAAAATAATT  
423651 CTTTAAAAAG AACATGGAGT CTTACTTCCA AAAAAACCTC TTAAGCTAAG  
423701 GACCAGCTGT TCGTATTAAAT GTTGTTCGTT TTTTTTTTCT CTTTTTTTCT  
423751 GATGCAATTCT CTGATTTATT GTAAAACTCT ATTTTCCCAG GGTCACAAAT  
423801 CTCTAGCGGG TTCCACAAC TGCAAAATAC CACTTGGAGC TAAACCTCTG  
423851 CTTAGGCTGG CGATAGGATG TGGTCTTCTG CATTGTCTGT AGGAAATAAT  
423901 TTCTAAAAAT CATAGGAGAG ATCAAGCCCT GGTAAAGAC AGCAGCGAAG  
423951 GCTGCTCAGC AGTGTGAGTG CCTTTAATGC TATTCTGATG GCGCTTTGAA  
424001 ACTGGCCGAC GTAAAAACCTA CAGGAGACAT GCTTCTCTAT AATCTTTAAC  
424051 TATATGGAAC CATGAAAATC AGGAGCAGTG AGGGACAAGG AGAGAGAGAG  
424101 AGAGAGAGGG AGAGAGAGAG AGACAGAGAG AGACAGAGAG AGAGAGACAG  
424151 AGACACAGAG ACAGACACAC ACACACACAC ACAGAGACAG AGAGAGACAG  
424201 AGAGAGAGAG ACAGAGACAC ATACACACAC ACAGAGAGAG AGAGAGAGAG  
424251 AGAGAGCATG TGTGCTTTTA TAGATGCTAC AGGGTGTGGC TAAAAAAATT  
424301 AAAATAGCTAA GAATTTAAGA ATAGAGGAAT TTCTAGAAAA ATGGTTTPTC  
424351 ATTTTCAGAT GTCTGACAGG TTGTGGGCAT TCTCAGAGAC AGATATGTCA  
424401 TGACCTTGCT GTCCATCCAA AGAAATGGTA TGTGTGTGTG TGGGGGGGGG  
424451 GGGAGATTAT CATAGAGCCT CAACAGATTA AATTTCTATTA TCAAAAAATA  
424501 TGGAAATAAG TGGCAAGTGT ATTCATTTAT TTAACAAACA CCTACTGCAC  
424551 GCCTGACATC ATATTTTCATG ATACCTAATA CAATATGCAG TATTAATATCA  
424601 GCTATCGATT ACACTGTAGT TTACCACGTA ATATTTCTAT TTTATATATC  
424651 TAAGATGTAT GACTATTTAA GGTGTCTAAG ATCCCTAGTA CCGTGAAGTC  
424701 TGGATTGCTG TAAATTTACT TCAATTGCA TCAATTGCA GAAACTTTGA CAGAAAATAG  
424751 GCATAGAGGA TCACAAGGAC TAGAGAGATG GCTCAGTGGT TAAGATCACT  
424801 TTTCTGCACTT GCAAAAAAAA AAAAAAAGTT TGGTCCCCAG CAGTTTCACAG  
424851 CTGCCTATGA CACCAAGCTAC GGGGATCTGG TACCCTTTTC TGGTCTCTAC  
424901 ATGTACATAC ACACCCCCC ACACACACAC ACAAAACCCA AAGCCAAGAA  
424951 AGTGTGAGGA ACAACTGGAA GGAGGCTTGA AGGAGAGCAG CAGCTGTGTG  
425001 GGGTTTGAGC ACACAATGAT GGCCATGTGA AAAAGTTAGC AGCCCAAATG  
425051 ACAAGATGCC ACTGTCACAT CGCAACCCAA CAGGAAGGCA CATCTTTTCT  
425101 CTGCATGCTC CCTTCCCAC CTCCCCATGG AGAAGGAAGA ATCTGATTGG  
425151 CTTCTTGACA CAGACTGGGT CATTTCCCAG CATGCATAGG GCTPCACTGGT  
425201 GTGTTAAAGG GCTATGGCAC ACTATGGCAC ACTAATTGGG ACCACAGTAG TTAAGAGCTT  
425251 CCACATTGTA GCTTGCTCTA CCACCTATGT GTCATGTGAC CTGTGATGAC  
425301 ATATTTAGTC TACCATAACT TCCATCTTTT CATTCGAAAA CAGAGAAAAAT  
425351 AGGAGCTTGA ATCATAAATC AGGCATATGC AAAATATACAT TATTCATGGA  
425401 AGGTCTCTCAG CCAGGGCCCT GATACCTGAC AGGAAATCTGA TCTGAACCAA  
425451 TCACGTGCAC CATCCTGTGT TGGAAAGCAA CCAATGGGCC CCTCTCTCTG  
425501 CATTTCTATTT TCTTGAATTA ATGCCAGCTC TGTGGCTTGT TTCTTACAGC  
425551 ACACCCAGCA CCAGGATTCA GACATAAGGA AAACACAGTT GCATGCTTAC  
425601 ATTGACTTTA ACCAGTGGCC CAGCCAGTGC TCTCTAGCTA AAGTATCAGC  
425651 AACTGTCTCT ATAATTTCAGT ACTTGAACTA TCATTTTAA ACCTGTAGAGC  
425701 TTTCTCTTAT GAGTATATCT TCATCAAAAA AAAAAAATAA CCTTTTGAAG  
425751 TGCTGGGGGT CACTTTTCAA CCAGAAAAGG GTGTGTAAC TGTGTCGAGA  
425801 GAAGCCAATT TTGACTCTCT GCACATATGC AAAAAACGAG CTTGGTGGCG  
425851 TGTATTTGAA ACCCCAGCAC TGGAGAAATA GAGTCCAGAG CACCCCTGGG  
425901 GCTCCGTGGC AATATTAACCT ACTGTGCAAG CTGAGGTCCC AGTGAGAGAC

425951	AGTATATTAA	ACAAAGGCAT	ATGGGTTCGG	AGAAATGTCA	CCTGAGGTTG
426001	ACCTCTGACC	TCCATACAGA	TGTACACATG	CATATATGTG	TACTTCCCATG
426051	CAGAATATAT	ATATCTACAC	ACACACACAC	ACACACCTCT	TTATAGGATA
426101	GAGATAGAAG	AATGAGAATT	CCTAGATTCCA	CAGCCTAAAG	TGTTTACGCTG
426151	TGACTGTCAT	TGTGCTGGAT	TCTGGATCCT	GCTGAGAAGA	AACAAGCCTG
426201	ACCCCTTTGA	CATCTGCTTA	ATTGGTTCTT	GTCCTAGTTA	GGGTTTACT
426251	GCTGTGAACG	GACACCACAA	CCAAGGCAAG	GACAACATTT	AATTGGGGGTG
426301	GACTTATAGG	TTCAAAGTTT	CAGTCCATTA	TCATCAAGGT	AGGAACATGG
426351	CAGCATCCAG	GCAGGCATGG	TGCAGGAGTA	ACTGAGAGTT	TACTACTCTTC
426401	ATCTGAAAGC	TGCTAGCAAA	ATACTGTCTT	CTAGGCCAAT	AGGATGAGGG
426451	TATTAAGGCC	CACATACACA	CGGTGACACA	CCTACTCCAA	CAAGGCCACA
426501	CTTCTAATA	CTGCCACTCC	CTGGGTCAAG	CATATACAAA	CATCACAGTC
426551	CTTAAACCTA	TATTTATGACA	GTCTTGGCCG	TATTTAGGTTT	GACTCTTGGT
426601	TTTCTTCTCT	GTCTCCCTCT	GATACAGTCC	TAAGTCAATGT	CCTCTAATCT
426651	CTCTTAGTGT	CAACTAAAGT	GGGAAAGATG	GAGGCATATA	ACCATCCACC
426701	AAGAAGTGGC	TCCTCTGTGT	GGTTCTCTTT	TCGGTGGGTC	CAGCTCTAGA
426751	AAACTTAATC	CTGTCTGTCT	AAATCAGTTA	ACCTCACCTT	AGTGTGTAAT
426801	CTGCTATTAA	CCTTTCGTCT	GGGGATTTC	TTTCTATTGT	TTTTTCTCAC
426851	TGGTGTCCTT	CTTAAACCTT	TCTAATCTTT	TTAGATGGTG	TCCACTACT
426901	TTCTTGGGCT	TTCAATTAT	TATTTGCTACA	TTGTATATAA	GATAACACCA
426951	TCATCTGAGA	TTCTTAGAGA	AAAAAAGCAT	ACCATTCTGT	CCTCTTAGTA
427001	ACTTGCCAT	ACATATTTCG	CACTTGAGAC	CCTTGAGCCA	GATTCATATA
427051	TGTGGGTGCT	CGGAAGGTTT	CATTCAAAGT	TCGTTCTCTT	AGAGAGAATT
427101	TTTCTCTCTC	TCACGGTCAC	CCTTGGAACT	CTTTATATGT	CCTCATTTGCT
427151	TTTGAATTTT	AAGGGCTATG	TAAATATTGG	TTTCAGGCCCG	CATACCCACA
427201	GGGTGACACT	CATTATTTTT	AAGGGAACAT	TTTATTTCACT	CAGAACCTTG
427251	GCTGTGACAC	ACATTTTCCAT	TATGAAGCAT	GTGTTTCTCT	AGCCCCGTGT
427301	TTCACTGTTT	AAGATTTTTG	TCTTTATATT	TAAATTCTTT	TATTAAATTT
427351	TTTPTTTCATG	TCTTACTTGG	TGTGACCCTA	TGCTCTGGG	CTATCTAGTC
427401	TCTGGTTTCA	TGGGCTATCC	AGGCAGTGTA	GGACATGGGG	CTCCCCCTCA
427451	TGGGATATTC	CTCAAGTTAA	ACCAACCAT	GGTTGGCCAT	TCCCACCTG
427501	TCCTGGCTAC	CACCTGCCCG	GCATGCTCTG	CAGGCAGGTC	AGATTGTGGG
427551	TAGAGGGTTT	TGTGGCTGGG	TGTAGCTCA	GATTTCCTCT	TCCATAGCCT
427601	GCAGAGTACC	ACCCACACCA	AAGAGACTAG	AATGTGGGGG	TGAAGGCTCC
427651	AAGCCTGTAC	TGCATTAGGT	TGCTACATTG	CCCCCAGGT	GTCCCCCTAT
427701	TCCAGTTCTC	TCTCTCTCTG	TACTCCACTC	CTCCCTCCA	CCTCTTTCTT
427751	CCACCTGACC	TCTCTGCTC	CCATCCCCAA	CCACCCCCAG	CTTACCTAGA
427801	GAATCTCTTC	TATATCCCTT	TCCCAGGGAG	ATCCATACCT	CTCTGCTAGA
427851	GCCGCCCTCT	TAGCTAACTT	CTCAGGGTCT	GTGGATCGTA	GCGCAATTAT
427901	CATCATTTAC	TTAAACAGCT	ATATCCATGT	ATAGGTGAAT	CCATACCATTA
427951	TTTGTCTTTT	TGGGTTTGGG	TTACCTCATT	CAGCATGCCCT	TTTATCTAGT
428001	TGAATCCATT	TGCCGTGAAT	TTTATGATGT	CATTAAAAAA	AAAAGCCCCC
428051	TTAGTTACTC	CATTGTGTAA	ATGAATTACA	TTTTTCTTTT	TTTATCTTCA
428101	GTTGAAGGGC	ACCTAGGGCA	TTTCCAGTTT	CTAGCTATTA	TGAATAAAGC
428151	CATAATGAGC	ATAGTTGAAC	AAGAGTCTTT	ATGGTAAAGT	GGAGCATCCT
428201	TTGGGTATAT	ACGCAAGAGT	GCTATAGTTA	TGTTCTTAGG	TAGATCGACT
428251	CTCAGTTTTC	TGAGGAAACG	CCATATTGAT	TTCCATAGTG	GCTGTACAAG
428301	TTTCCACTCA	CATGAGTCCC	CCTTGCTCCA	CATCCCTGAC	AGCATGCGCT
428351	GTCACTTGTG	TTATTTGATCT	TAGCCATTCT	GACAGGTAGA	AGATGGAATC
428401	TCAGGGTTGT	TTTGTCTTTC	ATTTCCCTGA	TGGCTAAGAA	TGTTGAATGT
428451	TTCTTTAACT	GTCTCTCAAC	CATTTTGAGT	TTCTCTATTG	AAAAATCTCT
428501	GTACCCCAT	TTAACTGGAT	TATTTAGTTT	TTAAATATCT	AGTTTCTTGA
428551	GTCTTTCTTT	TATTTTAGAT	ATTAGATTTT	TATCAGATGT	GGAGTTTGTA
428601	AACATCTTTT	TCCCATTTTCA	TAGGCTTCCCT	CCTTGTCTCT	TTGACGGTGT
428651	CCTTTGCCCT	ACAGAAAAAT	TTTCAAGTTTCA	CAAAGCTCTCA	TTTATTGATG
428701	GTTGGTGATA	CCATATGCAC	TCACATTATG	TGTTCTGTTT	AGAAGGTTGT
428751	CTCCCATGCC	AACGCATTCA	AGGTTATTCC	TAACTTTCTC	TTCTATCGGA
428801	TTCAAGTTT	GTAGTTTAT	GTGAGGTCT	TTCATCCACT	TGAACCTAAG
428851	CCTTGGGTGA	TAAATACGGA	TTTATTTCCT	TTCTTCTACA	TGCTGACCCA
428901	TCCAGTTAGA	TCAGCATCAT	TTAATGAAGA	TGTTTCTCTT	TTTATCATTTG
428951	TGTAATTTGG	TGTAATCTATA	GGTGTGTGAG	ATTATGTCTG	GGTCTTCAAT
429001	TCGATCCCAT	GGATCGACCT	GCCCATTTTT	ATACCAACAC	CATGCAACTG

429051	TTACCACTAT	TGCTCTGAAG	TGCAGCTTGA	CATCATGATG	GTGAGTCTCT
429101	CGGCAGTTCT	TTTATTGTCT	AGCATTGTTC	TGGCTGTCTT	GGGTTCCTTG
429151	TTTTCTATAC	ACAGTTGATA	CTTGTTCTTT	CAAGGTCTGT	AAGGAGTTGT
429201	GTTGAATTTT	GGTGGGAAT	GAACCTCGTG	CCTCAGCGTT	GCACAGATGG
429251	TCTGCGCTGC	CTGTTAAGCC	AGTGGTTCTC	AAACCTGTGG	GTCACAACCC
429301	TTTTGGGGCC	TGTAGAACGA	TCCTTTCACA	GGATCCACTA	AGACCTCTAA
429351	AAACACACAT	ATTTACATTA	CAGTTATAAA	GTAGCAATGA	AAATAATTTT
429401	ATGGTTTACA	ACATGGGGAA	CTGTATTTAA	GGGTGGCAGC	ATTAGAAAGG
429451	TTGAGACCCA	TTGTGCTAAG	CCATCTCCCT	AGCCTGAGAA	TATGTTTAT
429501	ATATTTTATT	TAATGTTTCT	AAGTGTGTTC	TATTTGGGAAG	GCTTTCAAA
429551	TGCTACTGCA	TAGCAGGTAA	TGGAGAATAA	TAATGCTATT	GGCAAGTACA
429601	GGAGGTTTTA	CTGTTGTTTA	AAAGGTTTAT	AATCTCTTAC	CGCATTTAT
429651	TGGAAATACA	TTTAGGAAGA	CAGCAAAATC	TTTAGGGGCT	GGAGAAAAAG
429701	CTCAGCAGTT	AAGAGCAAAT	CCTGCTCTTA	CAGAGGATTT	GGTCCCAAGC
429751	ACCTACATTG	GGTCCCCGCC	CCCAACTGCC	TGCCATTCTA	GATCTGGGGG
429801	ATCCACACCC	CTTTTGTAGC	CTTTAAGGAC	AACTTCACTT	CATGTCCCAT
429851	ATCCCTACAT	AGACACACAC	ACGTAAACAT	ATAATTTGAA	GTAATAAATG
429901	ATTTTAAAAA	ATAAGTAAAA	TTTCTTTTAA	TGTTCAATTC	TGCTCAGTCC
429951	CAGATACTGC	ACAGTTATGA	TAGATGTCTA	TGTTCTTGTT	CATCCAAGTT
430001	TTTGTGGTGG	AAACTCTGAA	CTATGTGAAT	ACAAAACCTA	ACAGAACAGG
430051	AAAAAAATG	TGGTGAAACA	AGAACTGGAG	CAAGCAAAAC	ACCCAAGACA
430101	ATGATTCTCA	ACCTGTGGGT	TGGGACACCT	TTGGGGAGGA	TCACATGTCA
430151	AAATATCTGC	ATCTGAGATA	TTTACATTAC	AAATTCACAAC	AGTAGCAAAA
430201	ATGCAGTTAT	GAAGTAGCTA	TGGAACCTAT	TTTATGGTTG	GGGCTCACTG
430251	CCACACGAGG	AACCGAATCA	AAGGCTCACA	GCATTAGGAA	GGTTGCGAAG
430301	CATTGACCTA	AGGGGGGCTA	CATCTTTTGA	GAAAGTGGAG	CGGATCTTTT
430351	CAAAACATCC	TCAGACCAGG	AGATACTAAT	TTCCCAACTG	TGGTTGGTAG
430401	AGGGATCCCA	TTGACTTTAG	ATGTCCTACCA	GGTAGACATG	TAGTCCGTAG
430451	AGTCTTTTCA	AGAACGGTTG	CCTGGCTTGT	AGTCCTGAGAA	CCACATACAA
430501	AGCTTAATTG	GGAGAAATGA	GTTGAAATTT	TTCCCTTAGG	TTTGTATAGA
430551	GTGTGTGTGAG	GTGAGTCTG	GAAATCTGTG	TTTTTAAACA	TTTGCATCTGG
430601	TGACTCTTAA	GTACACTGAA	GTGGAGAAGC	TCTAGAGTGT	ATTTTTATTT
430651	GAACGGAGTC	TGTTTGCTATA	ATTCACAGGAG	CCCCGCTGAT	TTGCACAGTT
430701	GGAAATAAAA	GAGTCAAACA	AAGATCTGTT	TCTGGGCTTG	ACATGAAAGT
430751	CTCCAGGATT	CTGTTACGTT	AAACCTCAG	ATTTGAGCCA	TGTCGAGAAAG
430801	ACAATTAAGA	CAGACAGACT	GGTCATTAGT	TACAGAGTTT	GCCCATAAAT
430851	ACATGCCCTAT	CTAACCCCTT	CCCCACCCA	CTATCACATC	TAGGTGCAGA
430901	AGTGCCCAAC	AAGGATTATA	AAAGGGAAC	ACTCTAGAAT	CAGAGCAAAAG
430951	TTGAAACTTC	AGAGCATGTC	TTCCCTGGGA	AAACCTTTCC	CAGTGCAGTT
431001	TAGGAAAAGA	TGTTAGACTA	GTAACATTAG	ATACATTGTG	TCTAAAGCCA
431051	CGTGGTACTG	TCGGACACCA	CATCTTTTCA	GTAGCCATTG	CTTACTTATG
431101	TCCATTTCCT	TTCATTTTGT	GGGTTTGTGT	ATGGTCCCTA	AAATATCAAA
431151	TCCAGTCCAA	GGTAGAAGAA	TACCTTCAGG	GGCTGGGGGC	ATGGCTCAAT
431201	AATGGTGAAC	TTCTTAAATG	TGAAGAAGGG	AGGGAAGGAG	GGAGGAGAAA
431251	AGGAGGGGAG	GAGGTTACCT	TAGGAAATTT	TATACAGAGA	GTATAACTAC
431301	AAATTCTGTG	CTCCGGGACG	GTACACGTCA	CATCTATTCA	AAATGTTGGTT
431351	AAACAAGGAT	CACTGAAAGT	TTAAACAGAA	AAGAAATACT	ACCTAATGTG
431401	GTAGGTGTGT	GTGTGTGTGA	GTGGTGTGTA	TGTGTGTGTT	GTGTAGTATG
431451	TGTGTGGTGT	GTGTGTGTGT	GCGCGTGTGT	GAGTGGTGTG	TGTGTGTGTG
431501	TTGGGATGAT	GCGTGGTTTA	TGGGACTAAT	AAAATAAGTT	AAGATTAGTA
431551	GAGGATTAGG	CTTGGGGGAG	GAGATCATCA	CAGTGCAGAG	GGACCTGGTC
431601	CTTTAAGGAG	TGTTGTTAAG	ATAGAATGCT	TAAAGAATG	CCATTTCATT
431651	GGAATGCTTT	TTTTTTTTTT	TGGAGAGGGA	GATGGACAT	GGAGGCATTT
431701	CAAAATGAAG	ACTTTGTTGT	CATTGTTTCT	TTGAAGCATC	ATTTTTTGTT
431751	TGCAAAATPAC	ATGCCATTTT	TTTACAGACA	ACTTAAAGAA	CGTGATCCAA
431801	CTGATTTCCCT	CTGCTGTCCC	CTGTTTGAGC	TTTCCCATAT	GGCTAACATC
431851	AGCCCGGAGA	TTTCTTTAGA	AACAATTAAG	GATCTTGCCA	GATAGATGGG
431901	AAGAAACAC	GTCAGCATGC	TCCTGCTTTG	CTAGTGACAT	TTTGTGGCTT
431951	CCCGACCTCT	CTGACAAATT	GCTCCGCCCT	CTGAAGCAAG	ACCTCTCAAA
432001	GGCTGGGAAA	TGACAGCCCT	TGTCTGAGGC	ATCTCTTCCC	ACAAATCCAA
432051	TTGGGCTTTA	AGGAAACAGT	AACACAAGAT	AGCCTGCTCT	GTTTCTATGG
432101	CACCAAGTGC	ACAGCAGTAG	GAAGTGAGAA	CAGCTGGCGC	TGCCATACCAC

432151	TCAAGGTAAA	AGAGTTGCCA	GTCAATTAAT	AGAATATGGT	CCCACCTAGG
432201	AGACCATGCT	AATCAAGGAA	AGTTACGCTC	TCTGCAGGTA	GCATTCACCT
432251	GAAATGTATC	ATGGCTTATA	GTCTCAAAGA	CTCATTTCTC	ATCTGGGACTG
432301	TCAATTTGTG	GTAGGAGTAA	GCCTAACTGG	ATGCTTCCAT	TCCAGCTCTG
432351	GGGAAGGAA	CAGTGGAGAT	CCCAAGTTAGG	ACTGGGAGAT	CCTGGAGCCC
432401	TGAGGCCAAC	TTCAGGGGAT	AGGACCAGAC	TCCGGGATAT	GTGCTCATAA
432451	GCACAGGTGC	CTGCAGAGGC	CAAGTGTACT	GTACAGAAAG	TGGTCTCCTG
432501	AGTGAACCTC	CAGCTGGAGA	CTGGCTAGGA	CAGAGGGCAT	ATTAGTGAGG
432551	GATAGGGAGG	CAAAGGGCCA	GGCATGGCTG	TCTCCATCAG	ACCAAGCCTA
432601	GTAGTAGAG	GTCAATGACT	AGTGGAAATG	TGGCATGCC	TACTGAACAA
432651	ATAAGAAATT	TGGAGTATAG	GGTTTACCAC	TTCAATCAAG	TTTCTTATA
432701	AACTCTTTCT	GTCTGACAA	TGCCCTTTCG	GCGCACACAC	ACACACTCAC
432751	ACATGCTCAT	CCATCTATTT	GGAGAGGAAT	CAATTGAGAT	GTCAAGTATT
432801	GGATAGGAAT	AGGATTTTTT	GTGAACGGGG	GAATGATAGA	AAAAATCCAAG
432851	TAAGGAATCA	CTCTCCCCCG	GGTGGTTTTA	TTTGAGGTTA	TGTGTATATA
432901	TGTACGTGTG	TGTGTTGGGG	TGGGGGTGGG	GCATGTGCAC	ATAAGCACAG
432951	ATGCTTGCAG	AGGTGAGAAG	AGAACATTGT	GTCTAGACAG	TGTCTTCTTG
433001	CCACCCACAC	CCACCCACAC	CCCAGAGGGC	AAGGACAGAG	ATGACGGGAC
433051	CTGCTGATTC	TTGCAAGTCC	TCAGTCCACA	TCTGTCCACT	CTGTTGCCCTG
433101	AGAATGAAAA	TCAGCTTCTA	ATTTAGTACT	CTTTGGGTAT	CACCTGCTTTC
433151	TAATTTTCTC	CTCTGTCAAG	ATATTACCAC	CAGGCAAAAG	TTTATTTATG
433201	AATTTTCTATC	TGAGGGAGAT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT
433251	CTCTCTCTAG	CAGAATGAAT	ATCTCAAATC	ACCACCTACT	ATCAATCAAG
433301	CCCTTCAGAC	AGGTGAGATG	CACCTTATGC	GTGACTTAC	TCTGAGTATC
433351	AAATCCCAAG	GGCTCTTGAA	GCCTCTGCC	TAGAGAAGAC	CAAGGATCTG
433401	GTGGTCCAAG	AAAACATAGGA	CAGCCTTACT	TTTAAATTTAA	AAATGTAGAG
433451	ATCCCAAATG	AATGGTTCCC	TTGGGGAATA	TAGAACAAAG	GTTTGTCTTA
433501	GCTTCTTGT	TCTGCTGTTT	AAGTCATTCC	AAGTGAAGCA	ATGACACCCA
433551	ACCATCCCAG	CCAGGCTGCA	CTTTGAATAG	CATCACAAGC	CCCAGTCCC
433601	TGGTGAACCT	CTCTGTCTCT	GTCTCTATCT	CCATCTCTGT	CTCTGTCTCT
433651	TTGTCTGTGT	ATATGTGTGT	TGAGTGTGTG	TGATACATGT	GAGTTCTATG
433701	ATGCGCAGGG	GGTATGTGCA	GGGCATGGTT	GTTAGAGGCC	CATGTTAGTT
433751	GCCTCAATA	GATTTCCACC	TTATTTTCTT	CATCAGAGCA	CTCTTATGGA
433801	ACCTAGAGCT	CACCTGATTCC	ACTTGTCTAG	CTGGCCAAAG	AACATCAAGA
433851	ATCCCTTGAT	CTCCACCCCT	GCAGGGAAC	CTCTAGTTTC	TTTGGAAGAT
433901	TAGTTATGTC	AAATGATGTT	TTTCTGGGGC	ACACAGGTGA	AAGGATGTCT
433951	TGCTAAAGCA	GACACATGAA	AGAATGTTTT	GCTGAAATAG	ACACGGGGAA
434001	AGGGTGTTTG	GCTATAGCAA	ACACATGAAA	GGATCAATTGA	TGGAGGAGCA
434051	TAAATATGAT	CCCACAGACA	GTGGGAGACA	AGCACTGAGC	TTTGTATATG
434101	TTGTTCCACC	TCTCTATTCT	TCCCTAACAA	TGCGCATACA	TTGGATCACC
434151	TTATGTAGCG	TTGTTGAGCT	CAACTTGTGA	TAACACAGCC	ATTGAGAGAA
434201	ACTTGCCATA	GAACCTGCTG	TGAGGTTCCT	GTGGCAGCTT	GGCTCTTCCC
434251	TGGCCTAGCC	TCAGGCCAGT	TGGCAAGTCT	AGCCATTGCT	TCAGGTTTGA
434301	ATTACAGCTG	CTGCTTTGTG	CCTGGTGTGT	GCCCACCTAG	AGGACGTGCT
434351	TGCAGCTGCT	GGTTCATGTG	TGGTGTCTGC	CTGCCCTAGG	GACTTGGCCTG
434401	TGAGCTGCTA	GTCAATTTTG	GTGTTTGCTA	AAGGACTGGA	CTCCTGAAAA
434451	AGATGGAGCT	TACCCCCAAT	GAACATTGTC	TAACAGGTCC	ACTGCCCCCCA
434501	CATCCTAATA	ACTTTTCTCT	TCACCTACCT	TGCTGGGTGG	TGGGCTAGAG
434551	GAGAGGTTGG	ACCCCTATTA	AAAGTAGGTT	GCAAAAAAAC	CAATATGCCT
434601	ACAAACCCCT	CGATATGTGC	CACCTTGCCC	AGATTTTATAT	GTGACAGGTTG
434651	GGGATCTGAA	CCAGGTTCT	CATGTTTGAA	TGACAATCAC	TTTATACCAAC
434701	AGAGCCATCT	TCTTAGCATC	CCTCACCAGC	CCTGATTTTA	TCAGTGAAGT
434751	CATGTTTGTG	TTTGTTTTGT	TTTGTTTTGT	TGTTGTGTTG	CTACACACAA
434801	CAGTTCTCAA	AATCTTGGTG	TGTTATGGCA	TCACAGGCTT	ATTCTTAGCT
434851	GAGGTACAC	TTTGGCATGC	TTGAGCAATG	TCCTCTGCTC	CATAGAAGCC
434901	CCACTTGAGT	ATGTAGGCTG	ATATTTCAGC	CTGACAGCAA	CAGCAAGGGA
434951	TGGAAGAGTT	GCAAGATAC	TGCTCCCAAG	TCACCACCTC	CCACTGAAAA
435001	ACAGACAGAT	AGATAGACAG	ACAGACAGAC	ACACACACAC	ACACACACAC
435051	ACACACACAC	ACACCTTCT	CCTCACCTTT	CATTGACTAG	AGCATGCCAT
435101	GGTTACACTT	AACCTCCCCA	AACTCAAAGT	GACGGTGGTA	ATATTTACCA
435151	CACCCACTAT	GGCACCCAG	CTTGGAAATG	CCTCCACTTT	GTTTCTGATT
435201	TATTAGACTG	GCTGTCAGCT	TTTAGAACAC	GATGTAATCA	TATTTCCGCT

435251	GGTC'TCTTCT	AAC TCGGCAG	CATCGCTGAT	ATCATCTGAG	ATCTGTGGGT
435301	TGGAGCTAAG	CTCTTCACTG	GGACAATTTT	TTCTCTCTCC	CAGCTCTGGC
435351	TTCCGTGTA	ACAGTGCCTT	TGGTGTGTG	AAAAGTCGCG	CTGTTTTTCC
435401	TCCTGTGTGT	TTCTGCCTTTC	CCAGCCCCC	ACCTGGGTCT	AATTTGTAGG
435451	AGCATCTGCA	TGTTTTAAAG	GCTCATTTATG	TAAATGTATC	AGAGTCCATA
435501	TCCATCAACA	GATAA'TTAAG	AAGACTATAT	ACATATTTAT	GAGATAGACT
435551	AATAT'TGCTT	TAATGAGGAG	GTTTACTGGA	AATATCAAA	CAAGGAGGCA
435601	AAAAGGAAAA	AAATGATCAG	AACAAAAAAA	AGCGTGCAGG	CTTTTATCAG
435651	TCCTTGGTAG	T'TCTGAACTG	TCAGAACTG	CAAGGGCTTG	TACAGACTCA
435701	GATTTCTGAT	TAGCCTTACCA	TACATGGTAA	GAAGCCAGCC	GCTAGGAAGA
435751	TGGGAGAGAA	ACTCGCTCCA	GACTTCTTTG	AAAGCAAAAG	T'TCTTGT'TT
435801	CAAACAGAG	ACTTCTCAAG	GAGCCAGCCT	CCTGTTCCCA	CACCTGGGAA
435851	AGCGTTCACC	ACAGGGAGTG	GCTACAAGTC	CCC'TAGGCA	GTCTCTAGCT
435901	GAAGCCAGAG	AGAGGGGAAG	ATGTGGCTAT	TTCTCAAGCA	GGCAAAGCCC
435951	AGCAGGCCAC	GGCCTTAGGA	GTAAAGAAAG	GTATGGTCCG	GACTCCTGGA
436001	TGCCTCTTGT	CTCGCAGCCA	GGACACAGAC	AGGTGCTTACT	AGCATGAA'TA
436051	AAAGCCCAGC	TTCCTTCACT	TTGTGGGCCA	GGCATCTCTG	TGCAGCACAC
436101	AGTGTGCACC	TAGCCATGTCT	TAGAAGCCCC	TTGTGTTCTC	ACCAGGAGCT
436151	AGCCTAAGTC	TGCAGGAACA	GTGCTATACC	CGCATGTTAT	CGCAAGACCT
436201	GTCCCTTCCA	TTTGCCTAGG	TATCTGCTCA	ACCCTTCACT	GGGCAACCTT
436251	GCACCCGACA	T'TCTATAGGC	CAGTCTTTGG	TACCATATGT	TACCAAATTC
436301	ACAAAGAAAA	CTGGAAGACA	CAGGCTTGCT	AGGTGGTCA	GAACAAAAAG
436351	AAGCTAGAAT	TGTTCAATCAC	ATAGCCTTGT	CTCTGGAATA	CTCTGCCTAT
436401	CTGGCCAAACA	AAATACCATG	TCACCTT'TA	TTCTCAAAATC	TTGATGTCAA
436451	CTGAGAAAT	CCAAAGACCC	TCTGGGTAA	T'TAAATAGCT	CAGAGCCAAG
436501	GACTTCCGTG	GGT'TGGCCAG	AACTCACAC	TGAATTTAGA	CTAGCTTCTCT
436551	CTTGT'TTAGA	GACCTGTGAA	CTAGAAAAA	CAGAAATATCG	ATTATCCCTT
436601	GTGATGGT'TT	ATATATGCTT	GGCCAGGGC	ATGGCACTAT	TAGGAGGTGT
436651	GGCCTT'TTTG	GAGTAGAAGT	GGCCTGTTGG	GAATGGGTGTG	GCCTGTTGGA
436701	GTAGGTGTGG	CCTTGATGAA	GTGGGTGTGG	CCTGT'TGGAG	TAGGTTGATC
436751	AC'PTGAGCTG	TGGACTTAAG	ACCTTCACTC	TAGCTGCTCG	GATGTGAGTC
436801	TTCACATAGC	AGCCTTCA	TGAAGATG'T	GAAC'TTTCAG	C'TCTGCTGTC
436851	ACCATGCCTG	CCTGGA'TGCT	GCTATACTCC	CACCTTGATG	CTAATGGACT
436901	AAACCTATAA	GCCAGCCCCA	ACTAAATATT	GTTATTTATCA	AAGTTGTCTT
436951	GGCCATGGTG	TCTGCTCACA	CGAGTAAAC	CCCAACTAAG	ACATCAACCA
437001	TCATGATCTA	TACACACTGC	TAAAGGGGAG	TGCCTAGCCC	AAACGAAAGC
437051	TGCCATTCAA	ACACGTGAGA	CATAGAAGAA	GCAACCCCTGT	CTATAGCAGT
437101	CTGAAATGTC	TGGCGGCAGG	GGAAATTCCT	TGATTTGATC	CAGTAGACTGC
437151	CCCTGGGACC	CTGCTCTGCC	TGCCAATCTT	TGTGTGTCTA	AACTAGGATG
437201	CAGCGATGAT	ACCTTTGGGG	GAGTGCCACG	GCTTTGGGAC	CCTTGTCTTC
437251	T'TCCTAGAGC	AGACTTACAA	AGCTAAGGTG	GTTTTAAAAAT	AGCAACCAAC
437301	AACTGGT'TCC	ATGTGCTCCA	T'TTTTATTTA	AGTTTCAATG	TATGGT'TTCT
437351	TTGACTTGAA	CAATTCCTTA	GCATAGAGCT	GGTACTTTGT	CTAGCTTCA
437401	TCTCTCTGTG	TGTCTCTGTC	TTTCTCTTTC	CTCTCTCTCT	CTCTCTCTCT
437451	CTCTCTCTCT	CTCTCTCCCC	CCTCTTGTCT	CCCC'TTCAG	TATCTCCATA
437501	ACCCATGCCC	CAGAATTCA	CCACACGGTC	CAATTTAACTG	ACCCAAGTC
437551	TGGAATAATC	CATCTCCTTT	ATGTGCTCAC	AAAGGGGAAAG	AAACGGGGTT
437601	CAATAACTG	CATCATTTTC	TCCCCTGCC	ACAAACTGCC	ATGCC'TGGGA
437651	CCATGCAACC	CACTAAAAAG	AGATCTTTGG	AGTGAGGTAA	AACTCTTCTA
437701	AAACAAAAAG	TGGGTATTGT	TTCAGAAGA	AAAGAAGATC	TGAAGTCGAC
437751	AAAACAGAA	ATTCTAACTA	AGATAGAGGG	CTTTCAGTGC	TTCCACAATA
437801	AAAGGGAATT	AATACCAGAA	T'TTCTTCTT	AAATTTGTCAC	AAACTTCTAT
437851	CAGACAATGC	TGGCCAAGTA	CTTTGCACAA	TATCATGTAA	GAGGAACATC
437901	TAGAATATCA	CAGAATGGTC	AAGACATGTG	AGGCTGAGTC	CATAAATTCA
437951	TCTAGGCAAT	AAATTCATTT	TACCATATTG	GAACCTAACA	GCATTAAGCC
438001	TGTTTCTCCT	GGTGACAGAA	ACTGAGTCTC	AATCCATTTT	TAGCTAATAC
438051	CTACAAGGAA	AATCCAGCTA	CAAGGAAAA	AAGGGCAGAG	GGTGAGAGAT
438101	CTTCTGGCCT	TCTTTGTTAC	TCTCTGCCCA	T'TTGGAGTAG	CTTGGCTACT
438151	ATTTGGGTPC	CTGGT'TGTG	TGGATGGTAT	C'TGTTCCCA	CCACTAAACA
438201	TCTATAGGCC	TGCAAAATACC	ACATGCTATA	TCTGGATGAT	TCCAAAGTAC
438251	ATAGGAAACA	CCCCATATAT	TGCCCAGATT	GTTCCTGGAAT	GTTAGAATCC
438301	TCACTGAGGC	AGCCTTCGTT	CATTCTGTCT	CAACTTGTTC	CACTGATAGG

438351	CCTTTGGCTC	TCAGATCTCA	TTGGTCTAGG	GATCCAGGAT	CCTTCCCAGG
438401	CCCTGACAA	GCAGCTCAGG	TGTGTCTTGT	CTTCTACCTG	GGTATTCCTT
438451	CACAAAAACC	AACCACACCC	TTCCCCTAGG	CTCTGTTGAA	GAAGAGAGTT
438501	CCCAATAGCCT	CAAAAGACTAT	GCTATCCAGA	CCCTATGACA	CTGGCCAAAT
438551	GTTTGTATTAT	AAAGGCACAG	GAAGAGAAAG	TTGTATTTTTC	ATTGAATTGT
438601	GCTGGGCATA	TTTCAAAGGC	TTCTTAGTCA	TGTGGACAGA	GGCTAGCACT
438651	CTAAAGGTTAG	CTTGTATTGT	GGAACATTTC	TACTGCCCCAG	AGAATCTCTAT
438701	CAGATAGACAC	TGGTCTAAGG	CTGCTTCCTT	TCCTAAGGAGC	ATTGGGTCTGC
438751	ACCTCTTCCC	CTCAGAATCT	TTACTGACCT	GAGGAAGAAG	GCTTGTCTTGC
438801	ACATGGTCTTT	CCAACCTTAT	GTACATCCTG	CCCTCATGTTT	CACACTTAGG
438851	TTTAGAAACT	CATAATCCAG	GGAGTGACTC	CGGTGTTTTC	TATGCTGTAT
438901	TGGTCAGTAG	ACACACTGAG	AGTGGTACGT	CTTTATTCTTA	AGTAGAGGGA
438951	CTTGTATTCT	CTATTTGCTG	GGCCAAGAGG	ATTTGTGGGA	CATGGAAGCC
439001	ATGAGAGAAG	TCCCAGACAG	TCAAGTCCCC	CTAGCTACAG	AGAAGCACAG
439051	CTTGCCAAAT	TCCACTGGGG	GAGGGGGCAG	ATATCTATTT	TTATTCTTTTA
439101	AAACGTACCT	CACCTTTTGA	GCCATTTTTA	ATTTGACAAA	AGTCACTCAT
439151	TAACCTCCTA	AATTAGACTC	AGATAGTTGT	TCTTCTCTCT	CTAGAGCACT
439201	GTTTCTCAAC	TGTCCTAATG	CTTTAATACA	GCTCCACATG	TTGCGGTGAC
439251	CCCAACCAAT	AAATCATTTT	ATTGTTACCT	CATAACTGTG	ATTTTGCTAC
439301	CATTATGTGT	CATAATGGAA	ATATCTGATA	TGCAGGATGT	CTGATATGCT
439351	ACGCAAAATA	TCGTATATGA	AACTCCCAAA	CGGTGTGAAA	CCCATAGGTT
439401	GAGAACCACT	AGTCTAGACA	TTTCCCTGGC	TCTCACTTGC	CCACACCCCT
439451	CTTCTCTAGC	CCCATGAGTT	CCAGAAATTT	TGGTTGGTTC	TGCCCTGATG
439501	TAATAGTGTG	GTATTTCACAT	CATGTTCCCTG	TCTCACCCCTG	ACCAGGGGAA
439551	CAGTTAGAAT	GTCAGACATT	TCACCCCTCT	CTTGGGGAAA	AAATGATTAA
439601	TCTTGAGGTC	AGCTAACAA	CCGTAGTGCC	CCTTTGCTGG	CCACACACAG
439651	TCAGGGCTCA	CTCCACAGGA	CCCCTGTGAA	CATTAACTTC	AGCCCTTTTG
439701	TGTGTTGTTT	ATTTTGGCCC	ATTTCCAACT	GACATAAGCA	CAGGTTCAAA
439751	GAGAAAAAGT	ACTGGAGAGA	AAGAGCTGTG	ACCCCCCCCC	CGTGAATGCC
439801	CCCCCTCACC	CCATTCCCCC	CTCCATCCTC	TCCCCTGACAC	CTCCCCTGTC
439851	TGGATGATTA	AGTGTGTGAG	CCACCTAAAA	ATATCTGTAT	GAAGACAGAG
439901	ATGAGAGAGA	GAAAATGAAC	TGTTCTGTGAG	GAAGACAAAT	GGTATATCAT
439951	CACCCCAGGC	AGTCCCCTTG	AAGGTCCCTG	GCTAATAACC	ACCACCCATG
440001	AACATCGTTT	CTGCTGTTCT	GTTCTCTGGA	TAGACACCCC	TCACCTAACA
440051	GGCTATTGCA	AGTATAGCCT	CCTCCAGGAA	GCCACTCACA	ATTCGCATTG
440101	CTCAAACCTT	TGTCACAGCT	GCCAACTCTA	TGGAAGATTG	AAAATACAAA
440151	GTTCGTTTTAT	GTATTCCCAG	GCAGATTTGA	ATCAAACCTG	TTGGATGAAA
440201	GAGCTAAATG	TATTGGCAAT	TCTAGGGTCT	GAGTCTATGT	CCTTGCGAAT
440251	GCTAGGTAAG	CATTCTACCA	TCAGTGACCA	TAAATGAGCT	ACATCCCTGG
440301	CACCTGTATT	TCTGAAGCAG	AAACTCTCCA	TATTGCCCTG	CCTAGCCTTG
440351	GTCTCTTCCCT	GTAGTCTGGG	AATACCTAGA	ACTTGTATTAT	CTTGTGTATCA
440401	TTGCATAAGC	AGAAGGGTGC	AACATGTGGT	CCTGCCTGAC	TTCTGTCACT
440451	TAGAGGATTT	GTCAAGATTTC	ATCTACATTG	TACTCTCATG	GACCTGTTTT
440501	CCATTTCCCTT	TTCTGTCCAA	ATAATGTCCC	ATTGTATGTA	CATGCCAACT
440551	TCTACTTTCC	CAGTCATTAG	TTGCTATACA	TTTGGGCTGT	GCTGCTGTCT
440601	GGCTATCATG	AATAACGCTG	CTATGAATAT	TCATGCACAA	ACTTTGTGTG
440651	CACATATGCT	TGGCTATATG	CCCAGGCGTA	TAATTGCTGG	CTCATACAGC
440701	ATCTCTAAGT	TTTTTGAAGA	GCAACTAGAC	TTTTCGACAG	TGGTTTTATC
440751	ATTTTACATT	CCCAGCAGCA	GTGTGGAAGG	GTTTTGGATT	CTTATCCAAT
440801	GGTTGTATTAT	GCCGGCCCTT	TATTTAAACC	ATCCCTATCAG	CTGTACAGGA
440851	GTATCTTCTT	GGTGTCTTTGA	TTTGTAAAGT	TTTGGTGGCT	ATGTCAGACAG
440901	TTTCTTATTC	TCTTGGAGT	TTTCAATTCT	TTTCTATAAT	GTCCATGAGA
440951	CAGTGATAAA	GGTACCTGTG	TCCTGGTCCC	TGCTCAATGG	TCATCTCCCA
441001	GTAGGTCTGG	TGCAAACCAT	ATCCTCTTAG	TGATTTCCCA	GTGCCAACTC
441051	TATTATATGTC	ACTCACCTTA	AATCAAATAA	TGAGTTGCCA	AAACCTCCTAG
441101	CTAGTCTTAG	TCTGGATGTA	GAAACAACAG	TGGGAGCCAG	CACCTGACTC
441151	GACAGGCCCT	GCATCTCATG	TCACTGAGAC	GTGGAATACA	GCTTAAACCCA
441201	AATACTCCAT	TCAAAGCCAAA	GCTACCATTC	AAACACGAGC	TTAATGCTCT
441251	TGACATCAGG	TCACTGGAGA	AGAGCTAGCG	ACTGGTGAAC	TAGTATTAGA
441301	CCTACAAGTT	ACACAGATTA	ATTCAGTGAA	CCATCCCAGC	TCTCTGAGAC
441351	AGGATGGTTT	GTGCTTTACC	ATTTTGACGA	TAAAGGAACT	GAAGCGAAGA
441401	AAAGGTTAAT	AATTATATCT	AGAGCTAGTC	AACAGAAAGA	AGTCTGCCCC

441451	ACATCGAATT	GAGGTTGCC	AGTGCCAGGC	TGGACGATAA	TGAACATGGG
441501	GTGAGTAAAT	GAATAAAAT	TTAAAAATCCC	ACAGGGGAAG	CCAACGCTTA
441551	CAGAAAGCCA	ACTTTCCTAGA	AGACCAGAAC	AAGGAGTCTT	ATGGGGGAGGA
441601	GGCTGTCTCT	CTGAAGGGCA	TC'TTGACCCC	TGACAAAACT	TACAACCTCT
441651	GATATGGGTC	TTGGAATAAT	CAATGGCTTG	GGG'TTTTATT	TCG'TTTCATT
441701	CTTTTATAGA	TTTATCTCGG	GAGGTGGTAG	CACACGCCTT	TAAT'TCCAGC
441751	ACTCAAGAGG	CAGAGGCAGG	TGGATTTCTA	TGAGTTTGAA	GACACCTCG
441801	TCTAGAGAGG	AGGGGAGGAG	GGAGAGAAAG	AGTGAAGAC	AGAGAGGGAG
441851	AGGGAGAGAG	AGTTCAGGAC	AGCTAGGACG	ACACAGAGAA	ACCT'TGCTT
441901	AAAAATGCTT	TTAAAGTAA	ATTCAATTAT	TTTTTATTTTA	TGTGTAGGAG
441951	TGTTTACCT	GTGTGCACAT	ATACATGTGC	TGTATGCATT	CCTGGTGCCC
442001	ATAAATGTTA	GAAGAGGACA	CTGAATCCCC	TGGACTGGAG	TTACAGGTGA
442051	TTGTGAGTCA	CCGTGTGGGT	GCTGAGAACC	AAACCTAGAT	CCTCTGCAAG
442101	AGCAGGAAGT	GC'TCTTAGCC	ACTGAGTGGT	CTCTCCAGTC	CTAGGCTTGG
442151	GT'TTTGTTTT	GT'TTTTGTTT	TTTTTGT'TTT	GTTT'TGTTT	TGGAACAGAC
442201	ACAAATCTCA	AGCATAAATA	TGGTCACTGG	AAATGGAAGC	AGATGCAATT
442251	TGCTGCAGGT	GTGGGTCATC	AAGTGTTCCT	CGGGCTCCGT	GGGGATGAAT
442301	TGGCAGTGAG	GTAGGAAGGA	GA AAAAGGGT	CTTGATGGCT	CTGAACCAAG
442351	CTATTTATTA	TTTGAGATTT	AAGATTAAAT	TAGGATTAAA	GCTGGTGCAG
442401	AGAAACCTTT	CGGTACACCC	TGCCAGTGCA	GTGCTGTGTA	CCCTCTGATT
442451	CTCTGTGAGT	TAGTCACAAA	GTAACACATT	TGTATGAGAA	GGGCAATG
442501	CTTAGTGAGC	TAAAATGTGG	CTGGATGTCT	TGGCTGGGTA	GTTCTTGTAG
442551	TACCCTGAAC	AACTCGGTAT	GAGATCCCTG	AACCATCGCC	CTGAAT'TCCA
442601	ACGAGTCAGT	AACTCTCCCTT	TAA'TGGCTAC	ACAGCTTGAG	GCTGGTGAAT
442651	AGAGGAATCT	TGGCAATCGA	GGAAACAATC	GCCATAAATC	TAAAAGTGGG
442701	TTGCCAAAAA	CTCCCTGCTC	GT'TCTACTCC	AAATGGAAG	ACAAACACAG
442751	GAGCCAGCAA	CAAATGACTC	GAGAGGACCT	TTGTC'TGGCA	CCATGAGATG
442801	GAGAAGCCAG	CGGAAGCCAG	ACATACAGCT	CAAGCCAAAG	CCACCATTCA
442851	AAACACGACT	CATTCACTTT	GACATCAGTG	TCTGATCCAG	AAAGCCAGGA
442901	TGCT'TTGCAG	CCGCAAAAATA	GCACAGAGCA	AGAAGGAGAC	GGGAACACTG
442951	CTGCTGGGGA	CGCCTGCTGC	TGGGGAGTAC	TGCCATTGGG	GACTACTGCC
443001	ACTGGGGAGT	ACTGCTACTG	AGGAGCACTG	CAGCT'AGGGA	GCACTGCAGC
443051	TTGGGAGTAC	AAGCAGTCTG	ATCACTAGAC	CCAGGGCATC	CCCCGAACTA
443101	TATACTGCTT	CACAGGCAGA	TGACAAAAGCC	ACCTGACATC	'CTGGAATCTG
443151	GGTCACAGAT	GGAGGAGCAG	TGTT'GAGAGA	TAAT'AAAAGG	ATTGCCACCC
443201	ATGGGCAGAA	AGAAAGGAAA	CACATCGCAG	ACAGTCCATG	GAGATGGCAC
443251	AAGACTAACC	ACATTGGTAA	TTATTACTGG	TGTTCACTGT	ACTGATAAGA
443301	CCACTAAGCT	TTTAGGTGTG	TACCAAGGCT	CTCCCTTACA	CCATCTCACT
443351	TTCAATTATTA	AGCAACACGA	CAGTCCCTAG	AGACCGTGAA	TACTCGTGGG
443401	AGCATCTTGA	AGGGCTCTGA	GGAGAGAAAC	TTTGGAAGG	ATTCTCTAAC
443451	TCTTACCAG	TGGTAGAGCT	GAGTCTGGAG	CTCTGTAATC	TCCCAAGCCC
443501	AAAGCCCCAC	GCATGAAACC	AGACATAATA	CTCCACAGAG	GACGAT'TAGT
443551	CGGTAAAGAT	GAAGTGTGGA	GGGACTCTGG	ATCACTATG	TGCCCTGAG
443601	GTCACAATGG	GTTT'TTGAAA	TCGTAAGTGT	ATATGCTCTT	GCCTATCTGT
443651	GCATCAATAC	ACGCGCACAC	ATGTAT'TCAA	GGGGCTATTA	AACAGCCCTT
443701	GTCT'TCCTTG	TTA'CACTTAA	TAT'TCCCAAC	AACCTTGAAA	AAATGAATTA
443751	TGGAAGATT	GTTCT'AAAAA	CAGCT'ACAAG	AAATATCTTT	ATCTCTCTTG
443801	TCTTCATGGG	GAGAAATAAG	TTTGTGTGTA	TATGTGGGGG	GGGGGGGAGG
443851	GGTCAACCTC	AGGGTTATT	CTCAGGCACT	G'TGAGCCATT	TTTCTCTCAT
443901	TGGTCTGGAA	CTTGTCAAGT	AGGCTGGAAC	CCCAGGAAGC	TACCTGTGTC
443951	TGACTCCCTCA	CAGGCTGTAG	GGATTATCAA	ATGAGCTATC	CCCTCAGCCC
444001	TCTCTTGCTT	TGATGTCTTC	AATTCTATCA	CTAAGATGTT	GGT'TCTAAGG
444051	ATACATGCTT	TGCCCT'TTGGG	CTGTTTGTGA	CTTGCTTTTT	AGTAAAAAAA
444101	AAAAAATAGT	TGGTAGATTG	GTAATAAGGC	AGATAGGCAG	ATGATAGATA
444151	GGTAGGCAGG	TAGATAGATA	GATAGATACA	TAGATATATA	GATAGATGAC
444201	ATACAGATPA	TAGGTAGGTA	GATAGATAGA	TGACAAAACAG	ACAAAGATAG
444251	GTAGATCTTT	GGAGAGATAG	ATT'TAAGGAA	TTATCTCATG	TGACTATGGA
444301	TTTTAGAAAG	TCTAAAATCT	GCTGGTAGCT	AACCAACTGA	AGAGTCAGGG
444351	GAGCCTAGAT	TTGATTCAAA	AGT'TCAATTC	CAAAGACATG	TACTGAAGAA
444401	TTATTTCTTG	ACCAAGGAAA	ATCCATTTTT	CATTATATTT	AAT'TCTTTAA
444451	CTGATTGGAC	AAAGTTCACC	ACCTTTTCGA	ATGGAAGGCA	GCTTACTCTA
444501	T'TCAATGTTT	ACCAATTTAA	ATGTTAATTC	CATAAAAAAA	ACCACTTCAG

444551	AGTAACTTGT	GACCAATGAT	CTAGGCTCCA	TGGTGCAAGC	CAAGTTGACA
444601	ATAAAATTAA	CCATCACATT	GAACCCGTGT	AAAGGAAATT	TGAACCTGCT
444651	TCTAGTTAGG	GTGCAACTCC	GCCCTTAGCA	ACACAACCTT	AATTCCTCTG
444701	GCTGGAATAC	AGACATGCCC	TTAGTATCCA	CCTTGAATCC	CAAACAATGA
444751	AAGTAAAGTT	AGTTTGTAGA	AGGAAGCACC	ATATTTGAAA	GTGATGTTGA
444801	ATTTTCGAGG	AGACAAGGT	ATGAATCAGA	GAAAGATTTG	ACAGGAATAG
444851	ATATACACAA	CTCTCACGAG	AAGAGAGAGG	AGAGGGGAAG	AGTTTAAGGGA
444901	GAGACAGACA	GACAGTACAG	GAGAAGAGAT	ACAGTCCAGG	TACAGATAGA
444951	GTTTCATGGAG	ACAGTGCAGC	CGAGTTGAGA	GGGAGAGTGG	AACAGCACAG
445001	AGAGGCGAGAA	GGAGACCGTT	TTACTATGAG	TTCTTACAGAC	ACAGGTGAAG
445051	ACAGAATGAG	CCAGAGAACCA	AGGATCCAGA	AGATTAGGAC	AGATTGCTGG
445101	AGTTAGTCTG	AGGCTGAGCA	GAGCAGTTCA	GGGTCAAGAG	AAAAGCCAGA
445151	CTGGATCGGT	CAGCTGGGAG	AGGAGTTTGA	ACCTGAACAG	CTGAGTTGTT
445201	GAACCCAGCAA	GCTAGGGTTC	AGAAAAGAGCT	AGAAAAGGGGT	GAGCTTATTA
445251	ACCAGCAAGT	CCCAGAGGCT	GAAAACATTC	TAGATCTAGA	CAGATTATAT
445301	GGAGGCGAAA	AGTTTCTGGG	ACTGGGCCTC	GGTTAGCAGA	CAGAGGCAAT
445351	AAACCTCCCA	GACATCAATC	ACAGCAGGAG	GATAAAAGTT	GCTTTTACAC
445401	CTAACCATCA	ACATACTGCA	CTGGAGTTCC	AGGATCATGA	AAAGATTCAA
445451	ATPCCAGCCA	TGGGGTTTCA	GGCTGTCCGG	TGGACGACAA	GGTAAGACCA
445501	ACAAC TGCTA	GTGGAGCTTA	CAGTTTGTGT	AGTTTAAAAA	ATAAGCAAAC
445551	ATATAGCTGT	TGCACATTAA	GAACAGGATC	AGTCCTCGGG	TGCCTTACTA
445601	AACACCAGAA	CCAAATCCCT	ATGGCACAGT	CAGACTGCCT	CCTTTTCTAC
445651	TCTGATTTCG	TGGCAGCAAT	ATCTGGACAC	ATCGTGCAGC	CTGATTGTGT
445701	CTGGATTTC	CTGTCTGTGA	AATGGGCAGG	TTTGTGCATT	CTACCTCTCT
445751	CGCCCACTCT	GGTGCTGATG	AAGAGAAGGG	AGGAATAAAA	GTGCCATGGT
445801	GGCAGAAAAA	TCCGTGAGGG	TGCTGTATAA	TCAAACATGG	TTCCTGTAGA
445851	GCCCAAATGC	AAAATCACTT	TACCGTGCAA	TTCTGAAAAA	GAGACATCTG
445901	GCCCTGGGAAA	CCTAAAGAAA	ACCACAATCT	TTC TGACCAA	AGCAATTCAA
445951	TTGAATAACT	GGTCTGGAG	GCTCTCTCT	CACAGCTCCA	ATTCACCCAC
446001	CAACTCAAGT	CCACTTAGAA	ACACATCAGT	TTTGTGTGCT	CTCTCTCTCT
446051	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT
446101	CTCTCTCTCT	TGCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT
446151	TGCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT
446201	CTCTCTCTCT	CTCTCTCAAC	ATCTGCTATG	TCTATTTTTP	CTTTTGCCCA
446251	AAATAGAAAA	GGAAAGCCTT	TAAATACCC	TCTAAATAGT	AGCTTTCCCT
446301	TCCCTTCACC	AAACATTTCA	GCACAAAGTA	TAGAATTTCT	TATATAATTG
446351	CAGCTACGCC	ACAAGCTGCT	ACAGAACAGA	ATTGTGCAGG	AATTTTACAG
446401	ATGACCTCAT	TAGGCTACAG	TTAGTCTACA	AGTAAGTAAG	ATCCCACCTG
446451	GGTGATGAGA	GAGTAAACC	CAGGAACCAC	ATCCAGCTAC	ATCTAGCCAT
446501	CATCTAGAAA	CGTCTACTGC	CAGACCTAAG	CCCCATGTGA	ACACTGTGCT
446551	GGTCAATATT	GATTGTCAAC	TAGACAAGAT	CTAGCCAAGC	TCTGGACAC
446601	ACCATGAAG	GATTTCTTGT	ATTAGTTTAT	TTATAACAGG	AAGCACTACC
446651	CTAAACATGG	TGGGGTGCTT	TCCACCAGTG	GCCCAAGAAAT	AGGGAAGTAT
446701	GGAGAGCAGA	TGTGCTTCTT	GCCTGCTTGC	TTTAGCTTCT	CAGTGTGAG
446751	TTTATCTPACC	CCGTCTCTCC	ACTGCAGGTA	CCATCTCTCC	TGTTCTGCTGT
446801	TTCCCCGACC	TCCATATACC	TACTGAATGA	AGTCAAGATG	TTTCCCTTCC
446851	TGATACTCAG	AGAGCTTCCG	TCTCCCGCAG	ACCAACAGTC	CCAGGGCTCA
446901	GAAATGAGAG	CATCCATCTA	CGTTCAAGTC	TCTCTGCCCC	CCAGGCCAAT
446951	GTTCCTATAT	ACTATACCCA	ATGTCCCTCC	AACACGAACC	AAATGGCTGC
447001	CTGGTGATCA	GATATGACAG	GCAAGAATAA	CGAAGCATGG	AGAGAGCTGG
447051	AGAGGTAGCT	CAGTGGATAA	CATGCTTGTA	ACACACAGAT	GAATGAGACG
447101	ACAGGTTGAA	CCTGGCCAGA	ACCCATACAG	AAAGTAAAGC	GGCATGACAG
447151	CCACCTTTAG	TCTATTTCTG	GGGAGGCCAA	GATGGGAGAG	CTTGGTGGCA
447201	AGCTGGGGTA	ATTAGACTAG	CCAATTGGTA	AGCACATGCAT	TTTATTGAAA
447251	TTGAAATGAA	GTAAGAAGA	GAGGAATGGA	GGAAGAAACC	CTAAATCAAC
447301	TTTGGGTCTC	CATAAGCATG	CACACGCACA	CACACACACA	CACACACACA
447351	CACACAGAGA	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAGA
447401	ACATGTGCAC	ACACAGAGAA	ACAGATAGAC	AGACAGCATA	GAGATGTATG
447451	TCTGGTACTA	TCTCCAAGTA	AGAATTAGAC	TTTCAATTAT	CACAGGTTC
447501	ACCAGTCCCC	TATCTCAGGA	CATAAGCTAG	CACCTTTGCC	CTTGGCTATG
447551	TGCATGAGGT	CTCAACAGTA	CTCTAGAAGT	ACAGGAGTCA	TTCTATTCTCT
447601	GAGTCTCTCT	CCCAAGGCTA	GCAGGGAGGG	AGAGGAGAAG	AGAAGGGTGT



447651	GAGCATGGAT	ATATCACTAA	GAGGCTTCCC	GTTGCATGTG	ACAGGTGAAA
447701	ACCGGGCTGA	AACTATTAGA	GTTTCTTTTT	CTCACCTAAC	AGTGGTGGG
447751	AGAGTCGAGG	CTGTGGTTCA	ACTGTCAGGG	CATCTCTCAG	AATCTCTAGA
447801	GACTATTCCC	CATTAGTACA	TGATGGCTGT	CAAAGCTTCA	TATATCCTGC
447851	CTTGACAAAA	GGTAAACAAAG	CACCTCGAAAG	AAGATCTGGA	TTTTCTCTAC
447901	AATAAACATT	TCCTTGCTTA	TCTAGATTAG	ATCTTACCBA	GAAGCTCTAC
447951	AGCAGAGCTC	TTTTCAAGAA	GGATCCACCA	GTGTGTGCCAG	GGCAGACAGT
448001	GAGAACCTGC	ATTCCCCAAT	CCTGTGATGG	GAACAAACAC	TGTTGGCTGA
448051	GAGAAGAGGT	GAGAAAATGG	CTGTATGATG	GGTAACCAAC	AGCACCTCCC
448101	ACAGATGGCC	TCCCTTAGAC	CTCCCTCCAT	GTCTTCCTTG	CTTTGCCCTAG
448151	AATATGATCT	AAAACCTGGC	CCCAATGACA	GGCACTGAGA	AGCTTAGGAA
448201	CACCTTTCAT	CATGTTCTTA	TAGGACTGTT	TCCTGAGTGC	TCCTGTCAAG
448251	GGAAATATTCT	ATATTAACCA	TCACAGTAGG	TGTCTTATT	TGGAGACAGA
448301	ATAGTTATAT	AGGCAATTAA	GTA AAAAATG	GGTTCGTTGG	CATGTGCTCT
448351	TTAATTTPAG	ACAGGCTTTA	TAAACCGAAG	TTTGGACAGA	AACACCCACA
448401	GTTGAAAGCC	CATATCAAAA	CACAAGAGA	TATTCCTGTA	TACATACCBA
448451	AGAGAGAAGT	CTCAAAAACC	CCTCCCTTAC	AGCCCTTTAG	GGAAATCAACC
448501	CAACCATTGT	TGGGGGTTTT	GTTGGTGATG	GTTTGTATCT	TGTTCCAGGT
448551	CGCCTTGATT	TTGTGATCTT	CCTGTCTCTC	CCCCCCCCC	CCCAATACAG
448601	AGTTATTGTC	TTGAAACATC	ATGCTTAGTT	TCTATTAAATA	TCTTGTATCT
448651	ACATCTCCAG	TTTTGCAGAA	AAATTGCTTA	AACGCCCAAG	AGTCTAAACT
448701	AAGATTGTGC	GGTGTTTTCC	TTCACTCGGA	GACTCACCTG	GGTTCAGAG
448751	AGAAAGTTAT	AGTGGCACTC	CAACAAGCCT	GGGAATTTGG	AAGCATGAGG
448801	CTGGGTGGCA	GGGAACTTAG	CGAGCCGGGT	GGAGAGATTT	CAGAGCTCTG
448851	GGTCAGAGAG	TCTGCCAGGC	TGAGAACAGG	CTGCACAAC	AGCATCCTAA
448901	TACATAAGGT	ATCCTAAGTT	ATAAATCCTC	CAGTAGCTGA	TCCCGGTGGA
448951	TCCACCACCT	GAACCAGGGG	CCTTCACTAC	CTACATTTTG	CCCTCCCACT
449001	TACTCTCCCA	TCCAAAAAGC	AAGCATCCTT	CTCTGCTCTC	TCTCTTCTCT
449051	CCCTCCGACC	TGGAAGTTCT	TCCTACTCGA	CCAGTGAAGG	TTCTTTGAAA
449101	TCTTTATTCA	TGAGGAGAAA	GTTCACTGTC	AGTCACCTGA	GTATGCAATT
449151	CACCTCCTCAT	CCCATAACAAG	TCCCCTTTGG	GGGAAGCAGAA	TTAGCATCAA
449201	AATFACCAACA	GCACCAGGGC	AATCCACAAT	ATTGTAACCA	TGATGTCTGAA
449251	AAAGCTAAGAA	CCTTAGCTGC	CTCCTTTGCT	GCCTCCTTGG	TGCAATATATG
449301	GAAAAAGACA	AGTAAAGAAA	TCAAAATCACC	CATCTTTTGG	ATCTAGACTT
449351	CTTTCTATT	GTTCTGTATC	TTAAAAAATA	AAAAAAGTTT	CCCAAAATCT
449401	TCCATGTGTA	CAGCACCAAT	CTATAGCCCG	GGGTCTCTGG	CCATGCAAAAG
449451	AGAAGAAGCT	GAGATGAACA	TCAACATTGT	ATTTACATT	TGGGGAGGGA
449501	TGCAGTGTGA	CCAGCTGCCT	TGCATTTCTG	TTGAAATGCC	GGCCCAACC
449551	AATGTTCTGT	GTCTCTCTAA	CTTCTAAGTC	AGTGTTTCTC	AGCCTTCCCG
449601	ACCCTGTGAC	CCTTTAATAC	AGCTCCTCAC	GTTGTGCTGA	CCCCAACC
449651	TAGAATTTGT	TTTCTATGCT	CTTCATAACT	GTAATTTTGC	TACTGAGTTG
449701	TAGTATAAAT	ATCTGACATG	CAGGATATGC	CAAAGGGGTC	GAAACCCGCA
449751	GGCTGAGTAA	AACCTGCTTA	AGCCGGTATA	AACCTCCTCT	CTTCAAGCTG
449801	TCGTTATCGG	GTAATTTAGTC	CTAACAGTGA	GGAAAAATAT	AAACGGGGGT
449851	CCTTAGGATT	TCACAAAATG	AGTCTTGGAA	AAAACAATTC	AACCTTTGAA
449901	TCAGTCTAGA	CCAAGAACTT	CTTTCTCTGT	AATAGAGGAA	GCTCTCATTA
449951	ATCTTTATGG	AGGGAATCAA	TATGCAAAATA	TCCACCATTT	TATTTACCAAC
450001	TTTATATATCT	CTAGCCACTG	GAAATGTTTA	GAGCTCATGT	CTGCACATCC
450051	ACAGGTTACT	AAGCTGATAT	CAAGGATGAT	GCCGTGGAAA	TGTTATGAAG
450101	TTCCAAGGGC	CATTTGAGTA	ATTGGACAAG	ATTATTACGA	AGCTCGGTGT
450151	AATTTTAGTG	GTGAGTCTAT	TTTCTATGTT	TTTGCTTAATA	TAAAAGTCAG
450201	TCATTGATAA	ATGGGATTTA	TGTTAACCCAC	CAAATATTTG	CAATGCTTGT
450251	TTCTACTCTA	GACCAAAGGA	ACGTAGGGGT	TTAAGTGCCA	GGCCCCAAA
450301	TAGGAGTTCA	GTAACATAGA	ATAGAAATAG	GCAAAAGTGA	ATGGGGCCAA
450351	AGGAGAGCAC	ATGCGCTTAC	TGTGGGAGCC	TTTGCAACTG	CCTAGTGTAG
450401	CATGAAATTT	TATTTAAAAAT	TGCATGCGAC	CCCAAGCTGA	TGAAACCAAT
450451	ACCTCAGAGG	CTGGCTGACA	CCAGTTTAGA	AGACAAAAGA	CGGGGCCCTA
450501	AATAAAATGC	CAGCATTTCC	ACTCGGGCCA	TCTGTAGAGC	TGCTGGTCTT
450551	GGCGCATCGT	TTGGTGCCCT	CACCATGAGT	TCTGATGTTT	TCAGGGTGCT
450601	TCTCACAGCC	AACGCCAGAA	AAGCCTTTAG	CACCATGGAA	ACATTGCTTG
450651	GTACAGGCTG	TGCTTGAAGT	ATGTGGTGCA	AACACCAAGT	TCTCCACCCG
450701	AGAAGAACAC	AGAAATGTCT	CTGGGGTACC	CATCTCCAGG	GCCCCCTTGC

450751	CTTTTCTCCG	AAGACCTCAT	TTCGTGTCCA	CTGAGCCCTT	TGCCACAGCA
450801	GGCTCTAGAG	TGGTGGCTAA	AAGAGGTGGC	TTTCTGGAGT	CGAATCCAGG
450851	CTTTCACCAC	TGTAGACGGA	GTCAATTAAAG	ACAATCTCTT	ATGTGTAAAA
450901	TGTGGATGGC	TTTCATGGCT	ATTTTGTAGG	TGTGTGGTGA	AAATTTATGA
450951	AGTAAAAATG	AGGGAGACCT	CTTAATGCAG	TGCTGTGATG	ATCTAAGCAT
451001	TTGGTAAACG	TAGCGGTCAT	GAGCGGTAAC	ATATCCAGGC	ATTGTGTAGAA
451051	TGTTTGGGAG	CTTGTGTGCA	TGTGCTGTCT	TGTGTGTGAA	ACAAAATGAG
451101	TGCTATGGTA	AGGTCAAGCT	AACCAAGGTC	TCTCTCCAGC	TTAGATGAAG
451151	AAATCATATC	ATTCAATAAT	GTTCCTATTT	ATAAGTTGGC	ATTTCTATTAA
451201	GAATTAGATA	TATAGATATA	GATATGGATA	GAAATTTTAA	TTTGCTCTTT
451251	ATCAGTGAAG	TTATAAAACA	TGAATTGGTC	TCCCTTCTTG	ATTAAAAATTA
451301	TCATAAGTTT	ATTATGTGAT	TCTATCCCCT	GAATGTTTCT	GGGATGTGTG
451351	GCTCCTGTAC	TGTTGTAGTCT	CAAACCTGCC	TGTCCTGCCTA	TAGCCCTTGG
451401	ACTGTTGTCT	GCCTGTGTCT	GTCCCTTGGG	CTGCTGTCTG	CCTGTGCTCT
451451	TTAGACTGCT	ATCTGCCTGT	GTCTCTTGGA	CTGTGCTGTG	CCTGTGTCTG
451501	TCTCTTGGAG	AGCAGTCAGC	CTGTGTCTGT	ATCTTGGACT	GTTATCTGCC
451551	TGTTTCTCTT	GGACTGTGTG	CTGCCTGTGT	CTGTCTCTTG	AACTGCCGCT
451601	TGTCTATATC	TCAGACTGCT	GTTGGCTCCT	CTGCTGTCTC	TGTGCTACTG
451651	TGATAATTAC	TCCCTTCATAG	AACAGTCAAG	AGCTGAGTCA	AGTTGTGCATC
451701	CTCACCCTTT	CCTCCTTTGA	GTAaaaaaca	ATTAGTCTCT	GTTGGAGCACT
451751	CTTTTGAAGT	AGCATAAAGT	TCTGTAGTCT	AAACAGCTAT	GTTAAAAATTA
451801	CATGAGCGTT	TACCTAATTT	ACAAAAAACT	AATACACTCA	AAGCATAGAC
451851	TAACACTCTT	TTTCAATAGT	GACTTGGCTT	CCAGAAAAGTT	CTAGAAAAGCT
451901	GACGGTGAAC	CCAGAAAACCA	GTCAGAACAA	AGGAATGTAA	GCTAGAGACA
451951	CTATATTTTT	TCCCTCTCAT	CCAAGGCATG	GATGCCACTC	AGTTTCTCTG
452001	GGAAACCCCA	GTTTGAAGC	TGAAAGGTGG	CTCGGCCATG	TACTCTAACA
452051	GGATTCAAAT	CCCAGCACTC	AGAGTGGGTA	GCTACAAAAA	CCAAGTCCAA
452101	GGGATCTGAT	GTCTATTTCT	GGCCTCCACA	AACACATACA	CACTAAATTA
452151	AGTCAAAATA	TTTTTTAAACC	CATATCAACA	CTGAGTGTGC	CCATGCCAGA
452201	AGCATCAGAA	TGAGCTCTGA	GTCTGTGGGG	ACCATTAATA	CTAGAGATCC
452251	AGGGGTTCAA	ATGAGTCAAG	GTTAAATGTG	CATTGAGGTG	GATTTTCTCT
452301	TCTAAATGTA	AATGAAACAG	TGGGCAAAAT	GTATTACAGA	AAATGCCAGA
452351	TATTGCAGTC	TGTGCAGGTT	CTTTAATGCA	CAATCTTTTC	TATTATTTTA
452401	ACTTTTTTACA	ACACTTTTAAA	ATTATAAGAA	TTTTTAACCCA	AGGGACAATAA
452451	TTGGTGCAAT	CTGGCTTTATA	GCTGTGTGTT	GCTGTGTCAG	GCCTTACTTA
452501	GAACTCTAAG	ATCTGAGTCC	TGAACTGCAC	AATGGTGGTG	TACGACTTTA
452551	ATCCAGCAC	TGCGAGGCAG	AGGCAGTTGG	ATCTCAAGTT	TGAGGCCAGC
452601	CAAGGCTCCA	CAGAGACACC	TGGTCTAGCA	GGGTAAAGGT	GGGAGTGAGA
452651	GTCTGTATTT	GCTACCATGA	GCAGTATTTA	CTATGTGAGC	AGAAATGAGC
452701	AAAGTGAGCT	CGCCAAGACT	CAGGCTCTTT	ACACTAGAA	GAGAAATCCAG
452751	GATTTCTTGC	ACTGTAGTAC	TGTTATCTGG	GCTGTCTCTT	CCAGGGCAG
452801	GTCCATGCTG	GCTGGAATTG	GTGCTTGGCG	AGCCACCAGT	GAGTCTCCAC
452851	TGAAGCTTTT	GCCTTCTCCA	TGTTCTTTCCA	AAGTCAATTC	AGTGTAAAG
452901	GTAGGACTGA	AGTGGGAGCT	GGACCTGTCC	CAAGGAGGCC	TGGAGAAACA
452951	AGCTGACCTT	CTCCCAACAA	CTAGAACGGG	CGCGGGCTTC	CATGGAATTT
453001	GTTCTTTTGC	CACAGGATAC	CACACTTCCA	TGGTAACAAA	TATGGAAGAT
453051	ACCTAGAGGA	GATGGGAGTA	GAGACAACCT	GTGACCTCA	GTATACTGCA
453101	GCATAACCTT	GTTTAAAAAA	TTAGCTCTCT	TCTGAACACA	GCCTGAAGGG
453151	AAAGACCACA	ACAGTGATAT	CATTGACCAG	ATCAGAGAAT	GGGTGCAAAA
453201	TGAGGCCCTGA	GGGGAGGCCAC	CAACAGGAAG	ACAGAAAAAC	GGTGTGGCTA
453251	CTGCATTTTA	GCTTTGGGCTG	TTGGGAGGTA	GCTTTCGCCAC	TCTTAGGCTA
453301	TGGGCGCCAG	TCTTCCCATTT	GTGTGTGTGGG	AAATGTGTGG	ACTTTCTCTTA
453351	CCCCAAATCA	AGGCAGTCTAT	ATCTGTCTCC	AGGAGCTTTC	CAGACTTCAG
453401	CCTGAGCAGT	CTTTTGTGGC	TGACAGGAGC	AGCTTGTCTT	TCCAATCTCC
453451	TGGGCTTGAA	GTGAGAGAGA	AGTGGATTGT	GTTCACCTTG	TTATGCTTGT
453501	GCAGCCTAAG	AAATGGGCAG	GGGCATGCAC	AAAAGCTTGA	ACACACAGT
453551	AAAGCAGCCC	CTTCTTTCAG	GGGCATGACT	GAAACAAGAT	CACAGCCTTC
453601	ATTGCCTCAC	ACTTTAGAAA	TACTCTTAAT	TACCTAGTTA	TGCATGGTTA
453651	AGCAACATCA	TGTTTACTAGC	TGGTTTTGTG	TGTCAACTTG	ACACAGGCTA
453701	GAGTTATCAC	AGAGAATGGA	GCTTTGGTGT	GCAAAAATGCC	TCCATGAGAT
453751	CCAGCTGTGG	GCATTTTCTT	CAATTAGTGA	TCAAGGGGGA	TGGGTCCCTT
453801	GTAGATGGTG	CTATCCCTGG	GCTGGTAGCC	TTGCTTAAGA	AAGCAAGCTG

453851 AGCAAAGCCA GTGGAAGCAA GCCAGTAAGT AACATCCCTC TATGACCTCT  
453901 GCATCAGCTC CTGCTTTCCTG ACCTGCTTGA GTTCCAGTCC TGACCGCCTT  
453951 TGGTGATCAA CAGCAATGTG GGAAGTGTA GCTGAATAAA CACTTTCCTC  
454001 CCCAACTTGC TTCTTGGTCA TGATGTTTGT GCAGACTAAG ACAATCATTA  
454051 ACTGTTATTTT GTGTCATACT TCCATGAGTA GAATGTGATG ATTTTATCTT  
454101 ATATAAACCT GGCCCTCTTT AATATCAAA CTTTATAGGT ACTGCTCTAG  
454151 GGTTTTATTG CTGTGAAGAG ACACCATGAC CAAGGCAACT CTTATAAAGG  
454201 ACAACATTTA ATTGGGGCTA GCTTACAGGT CTGAGGTTG ATTCATTAT  
454251 CATCATGGCA GTGTACAAGC CGTTTTGGTG CTGGAGAAAG AGCTGAGAGT  
454301 TCTGCATCTT CATCTGAAGA AGGCAGTCAG AAAGTGACTA TTTTCTCTAA  
454351 GAGCCAGGA GGAGGGTCTC TTGTCCACAC CGGAAGGAGC TTGAGCATAG  
454401 GACCTCAAAG CCCACCCACA CCGTGATGGA CTTCTCCAGC CAAGGCTACA  
454451 CCTACTCCAG CAAGACCACA CTTCCCTAATA GTGCCACTC CATCGGCTCA  
454501 AGCATACTCA AACCCACCACA GGTACCTTAC CTGTGTGGAGC CTGACACAGG  
454551 CCTGGTTGAC TTTCATTTGCC ATACAGAGTT CTGCCATTTG AACAAACCCCT  
454601 GATAACTTCC CTCTCTACTG TTAACAGACA TTTGAGTTAT TTTCTACCCTG  
454651 GGGCAATTGC AAACACTTCA GCTGTGTGGC TTTTPTTAAAT CTTATAGCCT  
454701 GATGATATCA GCTCCCATTT CTCAGGTTTT CCAGGCGTGA AATTGTGGCA  
454751 GGAAATCCGT TGTGGCCTCC CTTATGCAAA GTGTCTTTTA TCTTGCACCT  
454801 GTCCCTTTTCT GGCAGTGGCC TCTACTTGAC TCTCAACAATA AGAATAAAGA  
454851 AAGCTGTTTT TCAAAAAAAA TTTTPTTAA TCTCAAAITG CTTTPTTAGT  
454901 AGGGTTTTTA TTAATAAAAT GAAACACAGT GTCCAAAAGG CAAGTTTCAG  
454951 AGGAAATGAT TTATTTGCCT TCCTTTTCCA GAGCTTGGC GCAGGAGCTG  
455001 GAAGTCAGGA CAGGGGCTCA AACAGGGTAG GAAGCTGGAA GCAGGAGCTG  
455051 ATGCAAAAGC CACAGAGAGA TGCTGTCTAC TGGCTTGCTT CTCATGGCTT  
455101 GCTCAGCCTG CTTCTTTAAA GAAGTGGGCA CCTCCAGCGC AGGGATGGCA  
455151 CCTCCAACCA TAGGCTTTGGC CCTCCCCCAT CAATCACTAA CTAAGGAAAT  
455201 GCCTTATAGC TGCATTTTAT GGAGGCACCT GCTCAAGGTT ATCTCCTCTC  
455251 TGATGACTCT AGCTTTTGGC AAGCTGACAT AAGGCTAGTC ACCTCAACTG  
455301 ACTGCTTGTT AATTTGACAC ACACATTTGGT ATTAAGGCCA AGTCTCTTCT  
455351 TTCTCGTCTG TCCCCAGGAT CTCACATTA AATTGTATTT TTTACAAAT  
455401 CAAATACATT AACGTTCTGG TCCCTTTTAA ATAGACAAATG TCTTTTTTTT  
455451 TTAATTTTGA GTCTTTTACG TGTGGGCTCC TATAAAAAAT AAAATTTAAAT  
455501 TAAATTAATT TTTCAGAGG GAAGAACCAG GAGACAGCCA CAGTCTGAAC  
455551 AAAGCAAAAC CAAACTCCAA CAGTGCGAAT AACACTGTAT CCAATATATCT  
455601 GGGATTTCAT CACAATCCTT TGGGCTCCTC AAGAGGCTT GAATCACTTC  
455651 TCCAGCTCTG CCCCTCTTAG CACACACAGC TTGTCTTCTA GGCTCTAGCT  
455701 GGCCTCACTC TCGCCTGCTG CTGCTGTTCT TGTGGTGAT CTGCAACTGG  
455751 TGGCATCTCC AAAACTGTTG GTGCTCTTTG CTGCAACTGG GGTACTAAGC  
455801 CACCAATCGC CTCCTCATAG CTCCTCATCG GGTACTAAGC TTTCACTTCT  
455851 ATGCAAGACC CCTTCCATCC TGGGCTTCA ACTGCTACTG ATGCTCTTCT  
455901 TTTACCAGTG GCCCTCTCTC GCTTCTCAGC GGGCCAAGCC TCAGCTGCTT  
455951 TCCAAGACCC CTCCTCATGC CTTCAAACCC AGCACCACTT AGGTGACTCT  
456001 ACCAAGTCCA GCTGCCAGCT TGAGGTCCAG CCTTGCCAC CTCTGGAAAC  
456051 CAGCTCTCTG GTGTAAACCC TAAGGAAACA CTTCCAGGA GACTCTTGGT  
456101 CTCTTCTTAG TCGCCCCCTA TTTCTTATTC CTGCTTAACC TGTCATCTTT  
456151 GTCCAGTGG TTTCACTTCC ATGGTGTGG TCTCTGTGTA ATCACAGTTG  
456201 ACTCTTCAAG CCCAGCTAAC CAGAACTACA GATCTTAAAT TAAATAAACA  
456251 AAAATCCCTG ATAGAGTCTT TAATCTTCCC TCTGAAACTA CACAAGCCAA  
456301 GCCTCCATCT CCTGCACCTG TCTCAACAT TTTATCTGTC AAGCCCTTAA  
456351 AGAACAAACC ACTGATCTCT TCTAGCTCAA AATTCCAAAG TCTTTCCCAA  
456401 ACATGGGTGAG GTCTGTACAC GCAATACTCC CCACCCCCCA CCCCCATATA  
456451 CTGATATTAA CTTGTCTCTT TTAGGGTTTG CATTACTAAA TAATAACACC  
456501 ATGACTAAAA ATCATGTTGG GGAGTGTGGT GGTTTGAATA TGCTTGGCAC  
456551 AGGGCATGTC ACTATTAAGA GGAGTAGCCT TGTCAAAGTG GGTGTGGTCT  
456601 TGTGAGAGTG GGTGTGGTCT TGTTAGAGGA ATTGTGTGAC TGTAGGAGTG  
456651 GACTTTGAGA GCTTCTCTCT AGCTGCCTGA GGATTTCCAG TCTGCCCTTG  
456701 ATCAAGTTTT AGAAGCTTTG GCTTCTTTGA CAGCACCATG TCTGGCTGGA  
456751 CGCTGCCATG CTTCTTGCCA TGATGATAAT GGACTGAACC TCTGAACCTT  
456801 TAAGTCAGCC CCAATTAAT GTTTCCTTTG TAAGAGTGC CTTGGTCTAG  
456851 GTGCTCTTTC ACACCAATAG AAACCCATAA TAAGATAGGG AGAAAAGGGT  
456901 TTAATTGGCT TACACTTCTA TTAGACACA GTACACAGAA TCATAATTTT

456951	AACAAATTTA	ATAAGCATCT	ACTTGTGTTA	GGTGCTGGGC	TGGCAGCAAT
457001	GAAGAAAATA	AACAAGTATT	TCTAATTTTA	ATCAGTTGGT	AATATTAATA
457051	AGAGATAAAT	ACAAGTAACA	TAATTTTGTT	TATTAATATT	TTGTTTTAAG
457101	ACAGTGTCC	ATAGCTGAGG	ATTACCTGTA	ACTTCTGATC	CTGCTGCCTC
457151	TACTTCCCAA	GTGCTAGAAT	TACACGTGTG	TTCACTAATC	CTGGTTTATG
457201	GACACTGGGG	ATCGAACTCA	GGGCCCTCAT	TATGCTAGAC	AAGCACTCTG
457251	CCAAC TGAGC	TACATCCCCA	GCCCAATAAT	ACCTTATTAA	AAAGCACACCA
457301	GGTATGAACC	AGATGGGTTG	GC TCACACCT	AATAATCCCT	AAACCCCTGGA
457351	TACTGAGGCA	GGAAAATCTT	GAGTCCGAGG	CCAGCCAAAG	CTGACGGGTA
457401	AGAAATATCT	AAGTTGTGTG	CTCAAAAGAT	AAGTTTTCCA	GATACAGAAT
457451	AGCTACAGAG	CTCTACAGC	TTAAAGCCGT	AACAACAATT	ACCCCAAGC
457501	CTGACCTCAA	AATGCTGGGT	CTGTGGTTCT	GTGGCGAAGG	AGGCTCACCT
457551	GGCATCATGT	GATCCTAGGT	TCAAAGCCTA	GCACTACAAA	AACACAAACG
457601	AAAAACAAAC	AAACAAAACC	CTAAACCTAA	AAACAGGCAA	AGGGCTTAGA
457651	CAACTCTTCA	AAGAAGGTTC	ACAAACACTC	ACAAGCACAG	AAAAATATAT
457701	CCATTCCAGT	TAATCATCAG	AGGAAACAAA	CGAAAAATTAT	CCTGAGCCAC
457751	CATATCACAA	CTATTAGGAT	GGCCGCGGAT	TAACAAGTAC	TCCCGGGGAT
457801	GATGGGAAAC	AGAACC TG TG	ATACTATTAT	TCAGACCTTG	AAACATTACC
457851	ACTGCTATGG	GGGACAAAAA	GGCAGTTCCCT	CAAAAAAAA	AAAAAATAAA
457901	AAAACCGGAA	ACAAAAGTTAC	CTCATGTCCA	AGTATTCCAC	TTCTAGTAAG
457951	GACTCCAGAG	TCTAAAAGTG	GGATCTTAAG	GAGTATTGTG	TAAGCTTTTG
458001	TGTGATGGCT	TGAATATGCA	TGGCCAGGAG	AGTGGTACTA	TTAGGAGGTT
458051	TGGCCTTTTG	GGAGGAAGTG	TGTCAC TGTA	GGTGTTGGCT	TTGAGACTCT
458101	CTCCTTAGCC	ACATGGAGCC	AGTCTTCTCC	TCTTTGACTT	TGGAACAAGA
458151	TTGTAGAACT	CCAGCTCCTC	CAGCACCAAG	TCTGCCTGGA	TACTTCTCGT
458201	CTTCTACCTT	GATGATGATG	GACTGAACTC	CTGAGAACTG	TAAGCCAGCC
458251	CCAATGAAAT	GTCTTTTATA	AAAGTTGCTT	TGGTCACTGT	GTCTCTTCAC
458301	AGCAATAAAA	CCCTAACTAA	GACACTGTGC	TTACAGCAGC	ATTGCTCGCA
458351	ACTGTCAAAG	GTAGAAGCAA	CCCAGTCCCT	AAAGGGATGG	AAACATGAGC
458401	TAAGTTTGGT	ATATGTCATAT	GATGCAGTAT	TATTCAAGCA	CGAAACCGAA
458451	ATAGTGTGCC	TCACTCTGAGT	GAATCTTGAG	GACAATATGC	CAAGTGAGCC
458501	AAGCCAGCCC	CTAAAGGCA	AATATTGTAT	CCACTTAACA	TGAACAGTCA
458551	ACATTTTCAG	GACAGAGAGT	GGATACAATG	AGATCTTCCA	GAGGGTGGGG
458601	GAGAGGTTAT	TGTTTGTAG	GTGTAGAGTG	TCTGTTCTTC	AAGATGGAAG
458651	GAGGCTTGGA	GAAGGGTGGT	AACCATTGTT	GTAAATCCAC	TTATTTTCACT
458701	GAACCTGTGT	CTGCAAAGCT	GT TAAAGTGG	CGTCCAAGT	GT TTTTACTAC
458751	AGT TTTTCAA	GACCTTGTAG	GATAGATGGA	AATGGGGATA	GATACAAGTT
458801	AGATATCATG	GCAATATAGAT	AAGTGGCATA	CATATATCAG	CTAGACAAAT
458851	CAGATAGAGA	GGGGAAGCAG	TTTTTACATGG	GGTGACCCAC	AGAGATGTTT
458901	TAGCTACTGT	CTCCCTATAC	CCAAATATCT	GACAAGCAGT	AATCCAAGGA
458951	AGGAAGGGTT	TGTTTGGGCT	CACAGTTTAA	GGGCGTAGTC	ATCCACACCA
459001	GTGAAGGTAC	AGAGGCAAGA	GCATCACTAG	ATGCTTCAGG	CCACAGACAG
459051	GAAGCGGAGA	TGAAGCCTGG	CAC T TGGCTC	ACTTCTCTGT	TTTCTCTTTC
459101	TTACTCGCTT	TGAAACCCAA	GACCATGGGA	TGGTGCCACC	ACATCCAGGG
459151	CAGGTCTCTT	CTCAGTTAAA	CCGCTCTAGA	AATGGCCCTCA	CTAACATATC
459201	CAGAGAGGTA	CCTCTCAGGC	TACTCCAAAT	TCGGTCAAA	TGAAGCTGAC
459251	CCATCACGGG	ATGCATGCTT	GGAAAGGAGA	CATTTTGAGCA	CAAGCCTAGA
459301	GGAAGGAGCA	TTTGGGGGTG	GGATGGTGGC	CTGGGCTCTG	AAGGGAAGC
459351	CTGTCCAGGA	TATCAATGGG	CTGGAACAGA	GCTAATAAGG	ACCAATAAAG
459401	ATCAAAATAC	AGCAGGGAGA	AGCAGAGGGA	GGACCTGTGC	GGCAGCCCTG
459451	CGCTGAGCTG	TGAGTGTGTG	GGCGTCTGTG	TGCTCCAAGT	GCAACACAAA
459501	TCACAAATGT	TCTGAACTAT	AGAGTCTTTG	ATGACCAAAAT	AACAACACCT
459551	GACCTACAT	ATACAAAGG	TTTCATGAAG	GAAGATCATG	TTAGAGAAAT
459601	TACATGAATA	TAAGATGGAG	TAGGCACAGA	TTACAATAAA	AATGACATGC
459651	AAAGGCATAT	ACCACAACTC	CAGGCATATT	CTACTATATC	CCATTGTGTG
459701	GTTTGTGGAC	CTCCTTCTGT	ACTTTCTCTA	GAAAATPACTG	CTCTGGACCT
459751	GGTATCAGCC	CTGTCTAGCC	CATCTCCACC	ATCCAAGACA	TCCTTATGTC
459801	CAACAGAGTT	TGGAGCCAGC	CATCCAGAG	TTAACTCTGA	TAAAAATTA
459851	ATAATGTAC	CAGACCCCTC	ACCTTCAGAG	AGGTGCTAAC	TTCTAATPAG
459901	CATGAGGGAC	TGGACTTACA	ATGTCTGACT	CCTCCCAATG	ATTGAATPAG
459951	ACATTTCAAT	CATGAAGACA	GCTGAGTTAG	GCCACCTATC	AAAAAATTTGA
460001	ATAGGTGATG	TAAATTTTTA	CACGTGCCCC	TTCTGAAGAG	ACATCTTTTAA

460051	TATGAGGGTG	AATTCTTAAT	GTTCTTTCCT	CGTCTCGACT	CCGATTCGGG
460101	CAGAACACTC	ACCCTTGGCA	TCCTCTCGGA	CTTTGATAAA	TGGCACAAAA
460151	CAGAGGGGTC	GCCGCTTTTA	TGGCTGCAAT	TCAGCCCCTC	CCCCCGCCCC
460201	CCACCATTC	ATCACGAGAG	CCAAATGAGC	TACACACAGC	GTCCAGCTGA
460251	TCTCAGAGTG	TCCGGCAGCG	GTCCAGAGGA	CAGTCCCGTCC	TAGTGGCGAG
460301	CAGGCTTTCA	AGTTCTTGAT	GCAGGCCCTCA	GATAGTTCCA	CACAGCAGAT
460351	GGGAAGCTGG	AGTTTCTAAA	CCCTCTGCCT	GCCATCTACT	TAATTCAGAT
460401	AATAGGCCCT	CCAGATGGCT	ACCCGGTCTCT	AAAGTTTITAG	CTGGGCAATT
460451	CTCCATCCCC	TCGGGAGACA	ATAAGCGTGG	ACACACGGGT	GTCCAGCAGA
460501	CCATTGGAAA	GAGCTGGGAA	TGTGGCAGGG	GAAGAGGTCA	GAGGATATCC
460551	AAGGATACCA	GCAGCTACCA	GCCATTTGCC	AGAGACTTCA	CTGCAAGGGA
460601	ATACACTCAC	ACTTAGAGTC	AAGTGCCTGTC	CCTGCAAAGG	AGCAACCTAG
460651	AGTCACCCCT	ACAGTGGGTA	TCCTGCCTGTC	TCCTAGGGGT	ACCTTTACAG
460701	CGGTGTCCCA	TTGTCTATTA	TGGTCACTCT	TACAGTGGGT	ATCCATTGGC
460751	CCCTAGGGTT	ACCCTTACAG	TGGGTGTCCC	ATTTTCTACC	AGAGTCACCC
460801	TTCTAACATG	TGTCCAGTG	GCCCTAGGG	ATCACCCCTTA	CAGCAGGTGT
460851	CCCATTTGCT	ACTAGGGTCA	CCCTTACAGT	AAGTATCCCA	TTAGCCCCCA
460901	GGGTACCCCT	TATAGCAGGT	GTCCCATTTGG	CCTCTAGGAT	CACCTCTTACA
460951	GTAAATATCC	CATTAGCCCC	TAGGGTCACC	CTTACAGAGT	TGCTCCCAIT
461001	GGCCTCTAGG	ATCACCCCTA	CAGTGGGTGT	CCCATGTGCC	CCTAGGGCCA
461051	CCCTTACAGT	GGTGTGCCAG	TTGGCCTCTA	AGGTCACCCT	TATAGTGGGG
461101	TGTCACCCCT	TCAGTGGGTG	TCCCATTTGGC	TCTTAGGGAT	TGGCCCATGG
461151	AACTTAGCTG	GAACAGAGAT	GCTGCAGGCA	AAGTGTCTGA	GGTGAITCTCA
461201	CGAAAGCATC	AATCACCCCT	TTATCCAGGA	GATAAACCTTT	GAGAAAGGCT
461251	TGGACTACAG	TGTTTATATC	AAGGCTACCT	CTACACCCGG	GGGCAGGACA
461301	CCCTGACAGA	CAGCCCGTTT	ACATCACTAC	TTGTTCTGTT	TGTTCTTTTA
461351	GTGTCCATTG	TGGAATGCCC	TTCTTATGCC	TCCCTCTGCT	TACCCATCTT
461401	CCTTCACAGT	CACCCCTTCC	AGGCAGTCTT	CCCAGACCAC	TCAAGACCTC
461451	ACTTGCCTCC	CACTTCTCCA	AAAGCTCCGA	AGAAATCTCT	CCTTTGCACCT
461501	GATCTATGCA	CGTGACTCTC	ACGCCCTCTG	TTCAGTTTGA	TGGCAGGCCCT
461551	GGCACCACAC	CTGGCTGCC	TTGCTTATCC	AACCTTATTT	CTTAACCCCA
461601	CGTAGAACCA	CAGTGGGTGC	CTGCTGTCTC	GTTAGCATAA	GTGGGACAT
461651	GCAGTCTTTA	AAAACTAAGT	TGGGTAGTAC	AGTAGAATTG	GTGAAAAAAT
461701	TAAAAATAAG	CTTCTCTTTG	AATGAACAGT	GAGAGGTGAG	CTTTGGGGAC
461751	ATCATTTGTT	GCCTTTAAAA	AAAAAAAAGG	TATAAAATGC	CCGCACCTTC
461801	GGAGGACAG	GCAGGCAGAT	CTTTGAGTTT	AAGGCCAGTC	TGGCTTACAG
461851	AGTGAGTTCC	AGGATGGCCA	GGGCTACAGA	GAAACCCCTGT	CTCAAAGAA
461901	CAAAATCAAA	CAAAAGTACA	AAAGAAAGGC	AGAAATCAGA	TGCAGGTTGC
461951	AAGTTCTCTG	TGACATCAGC	TTTGGCAGGC	CCTGATGGAA	AGTGACCTTG
462001	CCAGAGCCCT	GCTCCCCCAT	TCAGTTGGAA	CACCTTTCCAC	TAAACGTTAT
462051	AATCTGGCCT	TCAGTCTGAG	GCAGAGCTGC	CTGGGCCAAG	CCCTCTTGCT
462101	TCAGTCCAAG	TGATGAATCA	GCCCATCTCT	CTAATGCCCT	CAGAAGTTAG
462151	AAGAATCGGC	GGAGGAAGAG	AGAGGCACAG	GGCACCATGC	ACACCCTCAG
462201	ATGGACAATA	GAAATGACGG	AGGCCAAGAC	CTTCGGTCTC	TTTCCATCTC
462251	TGGGAAGCCT	TTCCATTAAA	AACATTTTCT	TCTCTTGTTA	CATCCATGTT
462301	TTTTCTTTT	GGTTTCCTCT	TGTCAGCCCT	AGCCCAAGAG	AAACTTTCTCA
462351	CTCCCCACCT	CCAACCCAGT	ACTAAACACC	GTTTCTCTTC	AAGGGCTTCT
462401	TCGTTATTTT	TTTCTTCAAC	TTACAGCTAG	ATTGCTTTGG	ATCAACCGAG
462451	AAAGCCTAGT	AACACTCTGG	CGTTCCAAAA	GCAGCCCAGA	AGATCAGAAG
462501	TATCCGCCGC	ATCTACCTCC	TGGACTCGGC	ACGATCAAA	GCCTACGCTCT
462551	CTGAGAAAGC	ATTGGGAGTA	GTAGAAATGT	TAAGTTTGT	TTTTCTTTT
462601	TCTTCTTTT	TTTTTTT	TAATTTTAAA	AAACCTTAAA	AGACACCTTA
462651	AAGGAAGCAA	AAGACAGACA	CAGCCAAGAA	AGCAAGCAAT	CTGATTTCT
462701	CTGAGCTGAA	AAACAAGAGC	CAAGGGAATT	CTATTCTTAG	CAGAGACTTA
462751	GCCAGCTCCA	TTCTCCAGGG	GTGGGGTGGG	TTGCAAGAA	GGCTACAGTG
462801	CCCTCTGTCT	GGGACCTGTC	AGCATGTAGC	CTGGGGGCT	GGATTCAATC
462851	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCCCTCTC
462901	TCTCTCTCTC	CCTCCCTCCC	TCTCTCTCTC	TCTCTCTCTC	TCTCCCTCTC
462951	TCTCTCTCTC	TCTCTCTGTT	TTTTTCTGTT	TCTCTCTCAT	ATATTCTTCT
463001	TTTTTCTCTC	CTTCCAAATG	GAGTTTATTT	GTTTAAACGT	CCTGGAACCT
463051	AATCCACAGA	CAGGGCTAGC	CTTGAACCTA	CAGAGATCCA	TCTGCCCTGC
463101	TCTGTATTCC	TCATGTGGG	ACCAAAGGCG	TATGCTACCA	CACCTGGCTT

463151	AGCTAAGGTT	TTTCATTCAT	GGTTTTTTGT	TAGTCATTGT	ACAACCTTGT
463201	CAATGTCTGA	TTATCTAAAA	AGAACATGAG	AGCAGGGAGC	TCAGTTGACT
463251	TCCACCAGAT	TGTACAGTTT	GGAAATGGCA	TCAGTAAAGA	TGCTAACTAA
463301	CCAGGTTTCC	CTTTTCTTAG	CCTGTGTCTT	TATAGTTCGT	CTTTCCGTAT
463351	CAGATTTATG	TGTTTTCATG	CTCAAAGGCT	TTGACAGGCCA	GATCTGTCTA
463401	ACACAGAGT	TGGTTCTCAA	AGCTGAACAC	CATAGGCCTC	CTAAAGATGT
463451	GTTCTACTAT	GTTTGGATAC	ATGTCCTCCA	AAGACTGGCA	TGCTAAAGGC
463501	TTAGTCCCCA	GGCAGTGCTA	TCAGTAGGAG	ATGGTGGGAC	CTCTAAGAGG
463551	CAAAATTCTTC	TAAAAGAAAG	CTGGGCTTTT	TGGAATTTGC	CTTTAGCCAG
463601	CCTGGCACAA	ACAAAGATCT	TCTAAAAAGA	AGACAGCCTC	ACCTTTCTTT
463651	GGTTATCAGT	CTATGGAAAC	AATGGTCCCC	AAGGAATTGG	ATCCCTTTGA
463701	GCCTCTCACA	AGATGAAGGA	ACAGGCTGAA	GCATAGTGCC	AGCCAGAGGA
463751	GGTTTTCATAT	CATCCTGTTA	TCTTATCTAC	CACCTTGTAA	GGGAGAAAGG
463801	ACCAGAAACA	ATGAGTCTAT	AATGGGACTG	TGACAGAGAG	GATCACACCT
463851	CAGCCAGGGG	CAGCTTAGTT	ATGCTGATCA	CTGTAAATGT	GATTTCTTAGG
463901	GGGTGTTCCG	CACCCCTTTT	GCTCCAGGT	AACAACATGG	CATTCTATAG
463951	CCCACTTTAA	CCCATTTTAG	CTCCCAAATA	AATGGCAGCA	AGACCTGTTA
464001	ATTTTATTTAA	TGGGCTGCAA	GCCTTAGCTG	GGCAGGTTCT	GAGCTGTTCCT
464051	AAACTGCATTA	GGCCACATGG	GCTGTTACTT	GCATCTTGGT	CTTACCTTGG
464101	TTTACTCCAG	TTTACATGTA	TCCTCAGGGC	TGCTCTCTCA	TCATGTACTCT
464151	ATGGAGAAAT	TCCTTCTCA	TTGAGTCATG	TGCGAAACCC	TCCCTGGTCC
464201	TTCATATAGT	CTCTCCATCT	CCTCATTTCT	TCTACTCTTT	CTTCTCTGGA
464251	CCTCCTGACT	GGGATCCGAA	GTCCCGCCCT	ATTTCTTCTT	GCCCAGCTAA
464301	TTGGCTAATC	AGCTTTTTAG	TAACCCCTGA	TCAGAGGTGA	AGAAAAACAA
464351	TTTTTATATA	ACATTGAAAT	CAGAGAGCCT	TAACCATGCC	ATTGTCTGGC
464401	TTGCAAGAGT	ACATCTAAGC	ATCTGAACAC	ACAGTGCACA	ACACCATTC
464451	CCAGCAGATC	ATTGTCTCTC	TTAACACTAA	AGCTCTCATC	CAGAGTTGGA
464501	TGTCACCAGA	TCCTTTTATT	TGTTTCCTTT	CCCAGTGGGG	CACATTGATTA
464551	CAAGTCACTC	TCGTATGGCC	ACTGCCCTAT	TTGAGGTTGG	TCCTTCTCTC
464601	TCCTCTGGTT	CAGCAGCCCT	GGCCAGCCTG	TTACTTAACCA	CTCTGCTAAC
464651	ACACCTTTCCA	GAGGAATGT	GGACTGCTGG	TCTCTCTCTT	TCTTCTAGC
464701	ACCTTGACTT	TAGCCCACTG	AGGCTACCTT	TGAGTATCTG	GCTTCAAGAT
464751	CTCTAGGATG	GTTTTATTTA	AGCCACCAAC	CTTGCACTGA	TATCTTTTTC
464801	TTTTTCTTTT	TTAAAAGGCT	TATTTATTTT	ATGTATAAGA	GTACACTGTT
464851	GCTGTCTPTA	GACACACCAG	AAGAGGGCAT	CGGATCCCAT	TACAGATGAT
464901	TTGTAGCCAC	CATGTGGTTC	CTGGGACTTA	AACTCAGGTC	CTCTGGGAAG
464951	ACAGTCAATG	CTCGTAAGT	CTGAGCCATC	TCTCCAGCCC	CTGTGGGTGA
465001	TTTTCTTAGT	CAGCAATAAG	GACACACACA	GATACCTGCAC	AACCTTGTCA
465051	TCTACAGCTC	AGTTTCCCAG	TGCTTGAAT	GAGACACCTA	TATCCACTTC
465101	AAATAGGGTAT	GAGTGAGGAC	TAACCTGGAAT	AACTATAAAG	TTACTGTTGT
465151	GGTTTGGAGA	CATCAAGTGC	TAATAAATGG	AGCTGACTCT	TTGGATCATA
465201	AAGAACAATC	TTCTTGAAGC	TCAAGATTGC	CCACACAGCA	GCTGTGGGCT
465251	AGGACAAGTG	GAGCCCACTG	TGGAGCAGTG	TAAGAAATGG	GTAGAAAGAA
465301	AGGGCTTTGG	CTGTGCCCTG	GTTTGTTTTT	ACTGGGCACA	TGGTGGGGAT
465351	CAGTCAACGG	TACATTGGTG	AAGGCAGTGG	TAAGAGGGCA	GTGACAGGAG
465401	CTTCCCCTGG	CTTGAGATCT	TTATGCCCTG	CCGTTCTGAA	GGCCCCATTT
465451	TATTCACAGC	AATTGTGATC	ACTGTGCTTC	ACTGTAAAGT	GAACCATGAG
465501	ACACCCAAAG	GGGTGAGAAA	TAAGAGTTCC	CCTTCACTTC	ATTTACAAAC
465551	TGAATACAGC	CAGCACATTA	GCTTCTGAGC	CTATGGCACA	GTCTCTGGTT
465601	CTTAAGCAAT	ACCAAGCATA	AAACTGCTTT	CTCTATATTT	CATTGAATCG
465651	TGAATATTAC	GAAACACTTT	GGGCAAAATA	GTGATCTCAG	TTCCTTCATC
465701	TATTAACACT	GACAGATGTT	CCCTCCTACC	TATGGGGCTG	CTATGAGCCT
465751	TAAATGACGT	CTATGTACCA	AGTGTGGTCA	AATAGTTCAGT	ACGTTAGACA
465801	TGTGTGCGAG	ACCTTTTGGG	TCCCTTTGTC	TGCGTGGACA	GGGTCTCTAG
465851	TGCGAGGTGG	GCAAGAGTTC	GGTAGGTGAC	AAATAGACCA	ACAGGTGAGA
465901	TTGTGTAGAA	TCTGAATGTA	TTCCTACAAA	GTGAACATCA	GTCTTATATA
465951	GTACAGCATA	ATAATCCCTCA	ATTTTCTTTG	TGTATGCTGG	ACAGCTTCCCT
466001	TGCGGAGCTT	CAAGAGAAAG	TAATCCACGT	GCGGTGGATT	GAATGGGAAT
466051	GGCCCCTATA	GGCTATAGCA	TCTCATTTGA	ATGCGGTAGG	AGTGGCCTAA
466101	TTAGTGGCCT	TGTTGGAGGA	AGCCTGTGAC	TAGGGGGTGG	GCTTTGGAGT
466151	TTTCAGATGCT	CAAAACAGGC	CCAGTGTCTC	TCTCCCTGCT	ATGGGCAGAC
466201	TCAGATATGG	AACCTCTCAG	TCTTTCTCTA	GCACCAAGTC	TGCTTGCCTG

466251	CTGCCATGCT	TCCTGCCACG	ATGATAATGA	ACTAACCTCT	GAACGTAAAG
466301	CCATCTCCAG	TCAAATGCCT	TCCTTTTATA	GAGTTGTGGT	CATCATGGTA
466351	TCCCTTTCACA	AAAAACAACAA	CAACAAAACC	CTAAGACATT	GTAGTAGGAG
466401	TCAAAGAGAG	TAACTTAGAG	CCAGCATGTA	CTCAGTACAT	ATTGTATACA
466451	CCAGGAACCT	TTCCTGTGAAC	CGTAAATATC	AGGGTAAACA	AGCTGCTTTC
466501	TCAGCTAAGG	TGAAGAGAC	TTGACAGACT	CCATGCTCTTA	GGGTTTCTTAG
466551	TGCTCTGAAA	GACACCATGA	CTACGGCAAC	TCCTTACAAAG	AAAAACATTT
466601	CATTGGTGGT	GGCTTATAGT	TCCATTATCA	TCACAGCAGG	AAGTATGGTG
466651	GTGCGAGAGT	AGACATGGTG	CTGGAGAGGT	GGCTGAGAGT	TCTGTATACA
466701	GATTTGTAGG	TGGAAGGTCT	TCCTGTGACA	GTGAGCCACT	GAGCCTGGGC
466751	TTGAGCTTTT	GAGACCTCAA	AGCCCATCTC	CTAGTTAACA	CAGTTTCTPCC
466801	AGTAAAGCCA	CACACAAGT	CAACAAGGCT	ACACTCACTG	CAACAAGGCC
466851	ACACCTACTG	CAACAAGGGT	ACACCCACTG	CAACAAGGCC	ACATCTACTG
466901	CAACAAGGCC	ACATCTACTG	CAACAAGGCT	ACACCCACTG	CAACAAGGCC
466951	ACACCCACCA	CAACAAGGCC	ACATCCCTTA	ATAGTGCCAC	TCTGTACGGG
467001	CCAAGCATTC	AAACATGGTG	AATGGAAACT	GTTCCTACTC	AAACACCAC
467051	ATTCCATACA	ATGGATTTAG	AGAACAACAT	GAGTGGTATC	TGTGGGAAAG
467101	GCTGTGCCCT	ATCTGGGGTG	GGGGAGGGGT	ATTGGGGGAG	TCATCTCAGA
467151	GGAAATGACA	TCAGCTGGTT	AAACAGTTTC	CCAGATGAAG	CGACAGGGGT
467201	GTGAAGAGGT	TGGGAGGGGA	GTGGCCCTCT	GAAGGCATGA	GATGAAATAT
467251	AAGCATCACT	TTTAAAGAGC	TATGGCATCA	AAGAGGTAT	GATGACAGGG
467301	GTCAGATCTA	GAAGGTGGCC	CCGGGTCTAG	AAGTGGAGC	TGGGTCTAAA
467351	AGGTATAGCC	AAGTCTTGAG	GGTGGAAACCA	GGTCTAGAAG	GTGGAGCTGG
467401	ATCTAAAAGG	TGGGGCCAGG	TCTAAAAGGT	ATAGCCAAAGT	CTAGAGGGTG
467451	GAAACAGGTC	TAGGAGGTGG	GGCCAGGACT	AGAAATGAAA	CTATGAAAGA
467501	TTTAGCTGCT	GAATCAAAAT	TCATTCCTTT	AAACAGATTGA	CTTAACCTCG
467551	AGTTGTCAAT	TGTAGCTGCA	TCTGACTGTA	GCTTAATGAC	AACAAGAGCT
467601	GCTACAGGCT	TTAAATGGAG	CAGTTTATATA	ATGTTTGAAC	TACAGAAGCA
467651	GTCACCTCTCT	GGAACTGGTT	GAAGAGGAAC	AAGGTGAAAT	TCAAATATGGT
467701	TTGGGAAATC	GTTATAATAA	TTTGTGTGAT	AAAACAGTGGC	AGGAGAGGCC
467751	ATGGTGGTGG	TAAACAGGAA	TCATCAGTGA	TAGGCTCTGT	GGGATGATGG
467801	CCCTGCAGAA	GCCATGGTTG	GGGAGGAGGG	CGGTCTTAGG	TTGGGTGAAT
467851	CAGCAGTAGCA	TCCATTAAAT	TGAGAAATAC	AGGAATTGCC	CATTTTGAAAG
467901	ACAGGTGATG	GGCTCAACTT	CACATATGTT	GATGTGAAAT	CAGTAAATGGC
467951	CTAAGGGATA	TCTGTGTGGT	TAGATGCAGT	TGGCAGTTAG	ACAGGACTCT
468001	GGAGTTTITAG	ATGCAGGTTT	GAGTTTAAAG	AGTCATCTGT	CCTTGGTGGG
468051	TCTACCTAAA	ATCATGGGAG	AGGATGAGAC	TGCCCAAGGC	AAGGGGAGAG
468101	AGGAAGATGA	GCAAGAGCCC	AAATGCAGAA	GAATTTGAAC	AGCCTAGAAA
468151	GGAAACAGAA	TATCACCCAA	CAATAGAAGA	GCCAAGGAAAG	TATGGGGTGC
468201	CAGAAGCTTA	GGATGTGAGT	ATCTCAGAGG	AGCAGGGGAG	CCATGCTGTT
468251	CAACACATCA	ATGACATCAA	AGGAGACATG	ATTGGACTTG	ACACACTGTA
468301	GGCCAAGTGC	ACGTCCAGTA	AGGGCATCTT	CAGAGAAGGG	ATGGAGTGGC
468351	ATTAGCTTGA	GATAACTCAC	TTAAAGGAGG	AAAACCTCAT	TCTGGATCAT
468401	GGGTTTAAAG	GGTTTITAGT	CAGGATCAGA	TGGCCTGATT	GTAAAAGAGAC
468451	AGACACCAGA	CAGGGATAAC	ACAGCTGAGG	AAAATGGCTA	CCCTGAGGGA
468501	CTGAGATCAC	AGGGTGACAT	AGGTGAGCCA	GAGACAGGAT	GACTCCCTGA
468551	GGGCATCCTC	TCAAGGGGCC	ACTCCTTTCA	ATTAGGCACC	CCCACITCCA
468601	TTTCCATGGC	CTCCCAAGAG	CACATCGCAC	TATAAACCCA	TCAACCATATA
468651	ATCCATGAAT	GGTATCAGGG	TGTCACAGTC	TGATCAGTTC	CCTAAACCCCT
468701	GCCATCGGAT	TTACTCCACC	GAGGGATGTT	TCAGCTCAGAC	CCAAAGTGTGA
468751	ACAGGGGAAT	GATACCGATT	GCAACTGTTA	CCTCAACGAG	ATCTAGAATC
468801	ATCAGGAAAA	TGGGTCTCTG	GGTATCCCAG	GAGGGCTTGT	CITTAACCTG
468851	CCACTGTGGA	TGCTACCATT	GCTCGGGATG	GGATCTAGAC	TGAGCAGAAA
468901	AGGAGACCAT	GAACATAAGCA	CATGTAAAGTA	CCACTCTGTG	TCTTGACACT
468951	TGAATGCGAG	TGCCCTCCAGC	TCCCGCCCCCT	GTGACTTCTC	CACCAAGATG
469001	GACTGACTGT	ACCATAGAAC	TGTGGGGTGA	AATAAACCTA	TAGGCTGCTT
469051	TCCTCAGAGT	GTTTTGCCAC	AGAAACAAGA	AAAGTAAACA	AGACGAGAGG
469101	TTTAGAGCCC	AATGGGCAGG	AGTGCCGAGT	AGAAGATGAC	ACAGAAAGCA
469151	CAATGGGATT	GGTCTTCAA	GGAAAGGATT	GTTTCTTGG	GAGAACCTTG
469201	CAGAGGGTAG	AGAGGTAAGA	TGGAAGTTGG	CAGACAACAG	TTTGGGTTAC
469251	TTATTTTAGT	ATGGAAAGAC	TCAGAAATGT	TAAGTTCCCT	ATAAGGAAAA
469301	GCCAGAGGGA	AGAAGGGCTG	GAAATTTCAGG	TTGTTGTGAC	TATTCAGAGT

469351 CTATATCCCC AAATTCTCT CTTCATTAAT ACTTAACCAT GCTTCCAGAT  
469401 CAACATCTAC TGTCATTTCT AATGCATGCA TGTTCAGAAA GGTGTTAAAA  
469451 TTTAAAAATG TTTAGCCTTT ATTTTTATTT TATTGTATGG ATGTTTGCT  
469501 GCATGTATGC CTGCTACCG TGTGTATGCA GTACCCACAG AAACCAGAAG  
469551 AGGCTGTTGG ATCCCTTGG AACTATAGTA ACAGACACTG GAGAGCTGTG  
469601 TTGATGCTGG AAGAGAACC GGTCAATTGG AAGAACAGCC AGTGCTTTGA  
469651 ATGGCTGAGC CCCCAAAAGT GAAAATTTTG AGTCAGTAAG TGCATATATC  
469701 TCCAGCAAGG GGACCTGCCC TGGCACGAAA CCATCTTAAA AAAGCCATTA  
469751 GGGCAATGGA TGGGAGGCTC TGTACCTTCA TGGGTGCCAT AACGACACAT  
469801 GCTTGCCCTC GCAATCTTTT CCGGGATTTT CCGATGTGTT TATCTGACAG  
469851 CTTTGCTTGT ATACGTCCAG GTCGCTTTTC CTACCTCTCT GATATTTTGA  
469901 CCTTTTAACT GTCAACTATA CTCATCAGGC ATAGTGTGTC ACTTCTACCT  
469951 TCCCAGAACT TGAGGACTGA AGAAAGTATT CAAGAGAAGC TTTGGTTTCA  
470001 TGCAAGTTTG AGGCCAGCTC AGGCTACATG AGATCCAGTC TCAAAAAACA  
470051 AAAACAAAAA CAAAAATCAA AAACAAACAA AAACCCCCAG CCATTTATTT  
470101 ATTTATTTT ATACTGCTG CTACAATTTG GTAACTTGGG CCCCACACAT  
470151 CAAGCCCTCC AGTCATTTTC CTTCCTACTG CATAAAGCGA CTCAGAGAAA  
470201 AGAGCCCATT TCCTTAAAGT AATAGTCAGC TCTTGTGGCT TCCAAAACCTG  
470251 AAATTCGCAA AGATGTGGGC ATGTCAATGT AAAAGGGTCT GCCGTAACAC  
470301 GGCATGAGAG AGAATGGCCA CAAGGCTGGT AGGAGGGACA CCAGGAAGGG  
470351 TGAGGAAATC AAGTACTGA ATTTACTTCT GGGACTCTCA TGTGGCAAGA  
470401 GAGCTTCCGT GTTATAATGT ATCACTTGGT TTCCATGAAG AAATGTATTC  
470451 ACAGAAGGGT AACCATATAT CATGGGAGCC TTTTTTTTTT CCATCTTTTA  
470501 AGTTAAAAAT CTGCTTACAG CTTACGGGAA GTTCATCATAA TTACTTAGGC  
470551 AGAGATTTCC CTATCATCAC CATACATAAA ATAATGGCAT ATCTATTATT  
470601 AATGATGTCT TAAATCCAGC AAAATATGGT ATTTAAAAAT TTGTACCTAG  
470651 AGTTTCTCAA GATTGATACT GCAAATAAAT ATTCCTACTT GATGCAAAAA  
470701 CTATTATTAT GCATCATGTG TTTTATGGAT CAATGTCCAC AAATCAGAGT  
470751 TGCCCCGGTA AGTCTCAGAG TTCCATGCTA ACAGAAAGAG ATGTCTTTCC  
470801 CTCCGACCCA CCACGGCTCT CCCCCTGGGC AATTTGTAAA GTGGGTCCGT  
470851 AAACACCCAT GTTACCACCA CAGCCCAAGG GACGGGCTGA CAGCATCCCT  
470901 CCCACCTAAG CGCAGTCTTA TCATCATCAC CCGTGGAGTG ATCTCTACCT  
470951 TGCTTTAATT ACAATGAAGT GGAACATATT TTTTTCCTCT TCAGAAGCAA  
471001 GTGGGTAACA ACTTACCCTG TAAATGGGGT ACTTGTGTTC ATAATGCGTC  
471051 AGCTGTAGAT GTTTTGGCCT CCGTGGATCT CAGTPTTTCAT TCTTTTCTTT  
471101 TGCTTCACAC TGTAGCACCT CACTGCTCTC AACTAGCTAG AGCTAGGAGT  
471151 GAGGCCGGTG AAAGGGACAT CAAACTCCAT CAGAAGACGG CGTCAGAAAC  
471201 CCTGGGGCTG GAGTTACGGG TGGTTGTGAG CCACCCACTG TGTGTGCTGG  
471251 GAACATGATC CAGGCCTTT AAGTGAAGTG CAAATACTCT TAAATGCTGG  
471301 GCCTTCTCTC CAGCTCAGCC CTTGTGTATT ATTCCTAAGCC ACATCTATCC  
471351 CTGCTTTTAA TTATTTTAT GTCCATAAGA GTAACGGCAG CCCAGATAA  
471401 CTCATACAAA CTATCTGAA AATAGTTGCA AATTGAGAAC AAGAATCTAG  
471451 ACATAAACAT TTGAGGGGAA CATTTGCTTG ACCCTTGTG GCGCCCTAGT  
471501 GTTGCCGTTT GTCTGGCCAA TGGGACTGAA AAAGAGGTAC TTTCTGAGAC  
471551 AATAGGAAAG TGTCCTTATG AAGGGGCGGA GCTATGAGGG GTTGGAGCTAT  
471601 AAGGGGCGGG GCTATGAAGG GCAGAGCAGT TTTTCTTGT GTTTCATTTG  
471651 CTGGAGCTAA CTCAGAACC CTAGGATTTT CACAATAATA ATTGAGCCAA  
471701 GAAAACAAGG ATCCCTGTGT AAAAGCCTGG AAGAAAGTGA GTCTCTGATG  
471751 GCGATGAAGC TGCCACACCA ATCCACCAAT CCACCAATCC ACCAATCCAC  
471801 CAATCCACCA ATCCCAAGCA GCTCCCTTTC CAGACCTCCT TTTTGTAGCGT  
471851 AGAAATAAGA GTCTTTGAGTG TTCAAAACAT ATGCTGGGGT ATGCTCTAAAT  
471901 GTGAGCCAAA TACAGTTCTT CACTGATGTG TCATAAAAGG ATCTGTTCGG  
471951 GCTTTAGGCAG CAGGATAGGA ATGCATGCCT GGAGCCAGCC CAGAATCTGT  
472001 CTTTTTATCC TTCGCTGTGC TACTTTTACA CTAAGCTCGC TCTATGGGTT  
472051 TAGGAGGCTG CTTAAGCATT ATTTATTTC AATCTTTCAT TGAAAAATA  
472101 AAGATTCAC TCTACGGATT CATGATAACT ACCTGACATA AAAGGAAAAA  
472151 CAGCCGTATG AATGGGCGG CTTTCTTCTC TTCTTTCAGT CTAGCAGTGA  
472201 GACAACTCCT CCAATATCCC ATCTTGGT TTTATCCGGT GTCTTGAGTA  
472251 GGAGTGTGGA TGTAAAAAAT TAAACCATAA GCCACAGTTT AATGGAATGA  
472301 TAGCTGTTCA CTGGGAGAAC AGAAGGTGGG AAGGAGTCTT CCACCTGACAC  
472351 AGCGCTCGCC AAGAAAGGCC AGCTGTTCCT CGTGTCTCCC AAGAATGGAG  
472401 GACATGATTA AAAGAATTTT CTTCCCTGGCT TCTGTCTATG AGCTGGCTTC



472451	CTGGGAATAG	AATCTGGGGG	TGGGGGAGAG	GGTGAGGGAG	GGGTGGGTAA
472501	TCTCAAGGGA	GAAAGGTAGA	ACTTTGTAAG	CAAGCAGAGG	AAGTGTGGGT
472551	TGAGCTGTTC	CCATAGGTCC	CAGAAAATGG	ACCAGGGGGA	TCCCTAGCAG
472601	GAGAAGTTAC	CAAAAGACAC	TTAAGTAGAA	GCACAGTGTC	ACCCATCTGC
472651	CTGGGGTCAA	ATGGATGTGT	TCAATGTGAA	CAGAGATGTC	GGGAGACATC
472701	TTTATTGTGT	ATGTGAGGCC	TCTGTGGCTC	TGCTAGGTAG	AACTGAGAGC
472751	AAAGGAAGCC	ATCCTTTTGC	AGCCTGAGAG	GATGTACTGT	GAGAGCATAT
472801	GCACACACAA	AGGAGTGGTC	AGATTCTTTT	CTGGGCGCTC	ATTCCTTTTC
472851	CTCCCATGAC	AACCTGACCC	TGAGAAGAGG	GTITTTGGTG	AGGTGTGATG
472901	ACCAACATCT	GCAATTCCAC	ACTCTTGAGG	CTGAGGCAGA	TGGATGGCAA
472951	CGAGTAGGCA	GACCCAGCCA	AGGTGATAGC	AAGTCCCAGT	TTAAAGCTGAG
473001	CTACCATGTG	AGACCCTCTC	ACCAAAACAA	AGGCTGCAAG	TTTACAGCTA
473051	ACCCGTGTTG	CTCTGCCCTT	GACCTGATTG	GTTAACCCCT	AGATTCGCCT
473101	TCTCCAACCA	CAAAACAGAC	TTGCAGCTGA	ACACACCCCT	CCATAGGGTA
473151	GACATGCTCT	TTGGCCCTTT	ACTTTACCCA	ATGGGAAATG	AGCAGAAGTG
473201	AATATCTCTG	ATGTAAGAAA	TTAACAGGCC	CGGCACCTCC	CTTAACCTGAG
473251	GTTCCCCAGC	CTACCCTGTA	AAAGAGGGGA	CTCAGAAGGC	CCCACAGGAT
473301	GGAGGAGCCA	TAGTTCCCAG	CCCAGGATGA	TGTGGGATGA	GGAGGTACTA
473351	GAACGTGTCG	TATGCTGGCT	CATGTACTTG	CAGGTGGTAG	CCTGTTTGTT
473401	ATAAGACTGA	GAGAACCCCT	CTCATGAATG	CTGAACATTT	TATTATCTPAT
473451	CATGTCCTTT	GGCAGGGGTC	AAAACACGAA	TGTCACATCT	CTTAAGCTGGA
473501	TTTGCAAATT	CAGCTATAAG	ATATTTCCCT	ACCCCTTGCC	ACAAGTCCAA
473551	TTGCTPAGATT	TTCTGGGGTC	ACTGTTGCCA	GGCCCAACAG	ATAACAGTGC
473601	TTAAGTATGT	CTCTTATGGG	TATCTGCAGA	GAAAACCGGA	GGGTTTCCTA
473651	GGAAATAATA	ATTCAGAAAT	GATTGAGGAC	GACCCTGGAC	TTAAATATGT
473701	TACCCACTGA	CTCTCTGATC	ACAAACTCAT	CAAGACGTAG	ACCTTCCTAT
473751	CCTCATCTTA	CAAGTGAGTA	AACAGTGATT	CTAGAAGGTT	GTTGCCAGCT
473801	CAGCAAGGAG	GCTCAACAGA	CAAGAGGCAG	CCACCACCAA	GCTTGGCAGC
473851	CAGGGACTGA	TGTGGTACGA	GAGAATTAAAC	TGCACAAGTT	TCCTTGTGAC
473901	TGCCACAGAG	ATGCCATGTG	GGAGAGGAGG	GAGAGAGGAG	AAAGGTGAGG
473951	GGAAGGGGGG	AGGAAGGAGA	GGGGGAAGGA	GGAAGAGGGG	GAGGGGGAAG
474001	AGGAAGGAGG	GGAGGGGGAA	AAAGGAAGGA	GAGGAGGAGG	AAGAGGAAGG
474051	AGGGAGGGGG	TTATTGCTAA	GTCTTCAGTT	CAAGAGTTAG	TGGGTAGATT
474101	AGGGAAATTT	AGTTTGTGCC	TGCACAGCCC	AAAAGCCTGT	GCCCCATCCC
474151	CCACCCCACT	CCACTCCCCC	ACCCCCATCC	CCTGCAAGGA	AACAGGCAGG
474201	CCTGTCTCCT	CTTGCCCTGT	CTAGGGGCCAA	TGCATCCTGC	AGAGCTGGTT
474251	CATGGTTTGA	GCACTGATGG	ATTGAGAGAC	ACTGCTTTCC	TGGGTGTTCT
474301	GTGTTTCCCT	GTGTACCTC	ATTTCCCAGA	TGTCCCGGCT	TCCCGGAGG
474351	CGATGCTTTC	CCACGTGTGT	GGCAGTTTCT	GGATGTACCT	CAGTCCAGAG
474401	GGTAATGATT	TTCCAGACA	TCATCATTTT	TTTCCCAGAC	ATTGGATATG
474451	TCGCTTTTCC	TGGATGTACT	GTATTCTGTT	GTTACGAGGA	GCAGAGAACT
474501	CACTCTGCTT	CTTCTGAAG	CCCTTGTCTT	GTGGCTCCCA	GATGCATGAT
474551	TAGGCAGGGT	CCAAATTACA	CCGTTATTAC	ACGGCTCCAC	ACACATCCCT
474601	AAGTGGAGAG	GTGTTTCCAG	AGGCCTAGC	GGTACACAAA	CTAAGCTTTG
474651	TTTGGGCTAG	GAGGGAGTCC	TATTTTCTCT	TTCTTTTPTA	ACTCCTTGCT
474701	TCTGAATCT	GTACCCAGT	GTCTGTAATC	ATGAGTACAT	CTGTGCCACA
474751	GAAAGTCAAG	CAAAGAGCCC	TGGCTCTTCC	TCCAGGACCC	TGGGGTCTTA
474801	AGCAGTTCCCT	TTTCTGGCGT	CTTAAGCGGG	CTCAGATGCC	TGACAAGGCA
474851	AAGATTCTGT	GGCTATTTTGA	CTCACAGAAT	GGTCCATCTG	CTCTTCTGTC
474901	CGCTGTATGT	GATTTATTTT	ATTTTATTTT	TTTACTTTGAG	GTCTTAAACT
474951	GTCTAGCTGC	CCAGGAAGGG	TGGATATGAT	GTGTTGTGAT	CTCTTGTACC
475001	CAGGGAATTG	CACATATTAGG	AGGCTGGGCC	TGTGTTGGAGT	AGGCGTGTCA
475051	CTGTGGGTAT	GGGCTTTAAG	ACCTCATCC	TAGCTGCCTT	GGAGTCAACT
475101	TTCAACTAGC	AGCCTTCAGA	TGAAGATGTA	CAACTCTCAG	CTCCTCCTGT
475151	ACCATGCCTG	CTGGATGCT	GCCATGCTCT	TGCTCTTGAT	ACAAATGGAT
475201	GAACTACTGA	ACCTGTTAGC	CAGCCCCAAT	TAAATGCCGT	CCTCTTGAGA
475251	GTTGCCCTTG	TCATGGTGTG	TGTTTATAGC	AGTAAACCCC	TAACCAAAAC
475301	AGTAGAATAT	TCCAAAAGGA	GCCAGAGAAG	TGCTGACATT	TGAGCTGCTA
475351	CCTGTGTTAG	TGAGTGTGTT	TTTCTTCATA	GACTGTTGCC	AGGGAGTCTG
475401	GGAGGGCCAG	AGTCCATGGG	AGGCCAACAG	AGCTGTAGAC	AAATATCCCA
475451	GGCCGGGTAA	GAAACAGGGT	GATCTCAAAA	TTGGGTCACT	TCCCAGAGAT
475501	CCTTTAAAAA	AACTCTCTAT	ATAATCTATG	CATAATTTTT	ATGAGAGAAG

475551	ATGTTTTC	GGCTCTCTGA	CACGCTTTTG	ATGCACCTAG	CTCAAGATGC
475601	CACCTACCTCC	CACCTGGATT	GACCTTACCT	CTTTTATTC	GTCTCTGACC
475651	TTGTCAACCT	TCTGATAGCT	GCCATCTTCA	GTGTTTCAGG	ATGCTGTCTCT
475701	GTGAGAAATTC	TGCTGTGGT	CAAGGCGACC	CAAAATGTCA	GCCTCTCTG
475751	GACACAAATC	CTGGTCTTTG	TGGACAAACA	CACCTTCTCA	GGATGCTCTCT
475801	GTAGACACGC	CATGCTCTGG	TCTCTCTGTC	CACCTGTGATG	CTTGTGTTG
475851	CCCCCTGTTT	AAGGGACATC	TCTGTTTCATC	TTGTAGTCCC	CTACAGCAGT
475901	GGTCTTAAAC	CTATGGGTCA	GGATTCTCTGT	GTGTGTGTGT	GGCGGGGGGG
475951	GGGGGGGGTGT	GGCGGGGGCG	GGGGGGGGTG	TCAAATGTCA	CTTTCATAGG
476001	AGTTGTCTAA	GACCATTGGA	AAATAGCAGA	TAATTTGATG	ACAATCTGCA
476051	ACCCAGC	ACTTACGCTT	TTCTGTGGTA	TCAGTTATCA	ATGGCTAACA
476101	CAAACTCTAAA	TGTCTTAAAT	GGAAATTTCC	AGAAGTAAAT	AATTCACACA
476151	TTTTAAATTTG	CATTTCTACTT	TGAGTGGGGC	CCTGAAATCT	CACCTCTGCC
476201	TGGCTGGGCT	GGCGAGAGTC	AACTGTTTGT	CACGTGTATC	TGCCCTGTGC
476251	CGTCTATCAT	TGAAGAGTAC	ACAACACTAT	CAGGTCAACT	GGCAACAGAA
476301	CTAGAGCTGC	TGTTCAAACA	GCCTTCGGTT	TACTTGATAA	ATGCTATTAA
476351	AGTTATAAAA	TTTTTGACGG	TCCTAGAATG	GGGGTGTGTC	AAAGAGAAGC
476401	CACAAAGTGC	TTCTTTTAAG	TAAAGGGGTG	ATACCTATAA	CAGATTTGTG
476451	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTTTGTCTG
476501	TGTGTAAAGT	TAAATACCAT	ATGCACCATG	TTTACCACCTA	TCTATGGTTT
476551	CATGGATGCC	CCGGAGTCT	TGAAACATCT	CCTTGATAA	TAAAGGGGAA
476601	ATACCTTGGT	CACTTTTCTCT	GTTCAGTGA	TAAATGTTC	TGACAGAAA
476651	AATGAAAGGA	AGAAAGGTTT	TGTTTGGGCT	TGTAATTTCA	GAGTACAGTC
476701	ATGCTGGCT	AGCGAGTCTG	TCATAGTGGC	AGAAAGTGA	AGTAGTGTAT
476751	CGTGTGAAT	CTGCAGTCA	GATGAAGAGA	GCAATGAGTG	CCAATGTTCT
476801	CCTCGCTTCC	GTGCTCCCTC	CACCTCCGGT	AAATGAGTGT	ATGCTCTCCC
476851	TCACCTCCAG	CTATGAGTCC	CAGTGCTCTG	ATGGCTTCCG	TGCTCCCCCT
476901	ACTTCCCGTA	ATGAGTGTTA	GTGCTCTCTC	CACCTCCGCC	TTACTACGGG
476951	GTACAGGACC	TGAGCCAGG	AAAGGGTGTG	GTCTCTCTTC	AGAGTGAATC
477001	TTCTGACCGG	AATCAACCCA	ATCTGGATAA	TCTCTCACAG	GTATGCTTAG
477051	AGGCTTGTCT	GCTGGCGAT	ATCAGGTTT	GTCAGTGAC	ATCAACACT
477101	ATTGAAGGAA	GACTGTGCGA	TAAATGTGGC	AAATGAACTC	CTTTGGACAA
477151	GACTGTGTAG	CCTCCACTGA	CTTAGGCTTC	CCTCAGAGAG	ATTTCAAGCAT
477201	CTTTGGAAGA	TTAGAAGGCG	ACTGGGTTTA	ACTGAGTGCT	ATTTGAAATA
477251	TGTGTATCTT	TGTGTAGGTT	TGTGCACAGG	GGTGCAAGTC	CCATAAAGGC
477301	CAGAAGAAAG	CATCAGAACC	TTTAGAGCTT	GAAATATAGG	TAGTTGTAGG
477351	CTCCCTAATC	TTGGTGTCTG	GGCCCAAAC	CAGTCTCTCT	CAAAAATGTA
477401	CATGTTTPTA	ACAGCCAACC	CATCTCTCCA	GGCCCTGCCT	TGAAATTTCT
477451	AACCATCCCC	TAGTAAGGCC	CACATTTTCA	TTTTATCTGA	GGCAAACCA
477501	TTATGTAGCT	GGACTTGCTT	ATGCAAAACG	AGAGGTTGTA	CTTATTTTTT
477551	GTGTCTTAAT	AGATGTCTTT	TCCTATTAGA	TAGCTATGCT	ATAGATGAGT
477601	GAGTTTTAGT	CACACAGTTA	TGTGTGGGTG	ACACATGCTG	GCTGTTGACA
477651	CATCTTTCAT	TCAGCCCTTA	TGTTTTGAAC	TTCCATGGTT	GGAGGTGTTT
477701	CTATCTTACG	TCATCTAAGA	TACTCACGAG	TTTCTCTCAA	AATCTGCCA
477751	TGGGAAAAAA	TAAACTAGTA	ATCATCTAGG	TGACCTCTGA	CTACCTCAGT
477801	CTTTGTCAAC	TCAGTTCCAT	TTGTCTTTTA	TATGCTTGTG	TTAATAGCTG
477851	ACCCCTTCTC	TCTCTATACA	CACACTCATA	CAAAACCTTT	CCTGAGATT
477901	CTTTGAAATA	AACAATGTTA	TAGCTGTGG	TACTAAAAAA	AAAAATCAAC
477951	TACAAATTCG	GGATGGGAGG	TAGTGAAGTA	ATTGTAAAGCA	AGAAATCTTT
478001	AAAAAGAGCT	TCAAGGTGTT	TGGTTGCTCT	GGGGGAGATG	AGTGAGCGAT
478051	GGTTGGTTAT	CAAAATGTATG	TAACATTTCAA	TTTAACCTTTT	TTAATGAGAT
478101	AGAAGTTTCT	CCAAAGTGA	TATACAATAT	ATAAGTGATA	AGTATAAACC
478151	TATCAAAGAT	TTTAACTTCA	CTAAAGATG	ACAGAGATT	AAATCAAAAC
478201	TTACAGGAGA	TGCTGGGGTA	GTGACACATG	GGTTTTCAGCT	CACAGGAAGC
478251	GAAGGCAAGA	GGATTACAGG	TTTAAATCCA	TCGAGGCTAA	TAGGTGATTC
478301	TCAGGCGAGT	GAGCTTAGGC	AGCTCGTCAC	AAAACACAAA	CCCGGTGAG
478351	GTCCTGGTPT	GCATTAACCTA	CAATCAGTCC	ACCATCAATG	AGAGAGACAC
478401	AGACAGACAC	AGACAGAGCA	AAAAATAAGT	ATTGCAAGC	TCTAGAGAAA
478451	GTGGATGGCT	TGTGTACCAT	ACAGAGGGAT	TGAAAATGAT	ATGGCCACTA
478501	TGAAAAAACAG	CATCAAGATT	TCTTCAAACCT	ACAACATAGA	ATTAACATTT
478551	GACCCAGTGG	TTCCAATTTT	GAAAATGTAC	ACAACAAAT	GAAAGAAAGA
478601	GAAAAAATAA	ACACGAGGAA	ATTGCACTCA	CAGGAACATT	ATTCACAATA

478651	AGATTAAAGC	ACCCAATGGC	CCAACAGTGA	ATGGATGGAT	GGGTGGATTA
478701	AATAACCTGT	GCCATATACG	TACCACAGGG	GCTTGATAAC	GATGCCATTTC
478751	CAAGAAAAAT	AGGGCATTAT	TTTGGTACAC	CAAGCACTTC	ACAATAAGGG
478801	CAAGACTGAA	GTTCGTCTGG	CCTGCCAAAT	GTGGAGGGGA	ATTCTGTAGA
478851	ATAGTCTTAT	AGGCATAACG	GTCCAGACTTC	AAAGCCCCAT	TATCCATCTC
478901	AGTAGAGAAG	ACTGTGGTGG	TCACTATTCT	ATGGCTGGGC	AGAGACACCA
478951	GCACCAAGGC	AATTCTTATT	AAAGAAAAGC	ATTTAATTGT	GGGCTTGTGT
479001	ATAGTTTATG	AGGTTTATGT	TGTTGTCTAT	GAGAGAAGCA	TGGTGGCACA
479051	CAGGCGGACA	TGGTGCTGGA	GAAGTAACGT	AGAGTCTCTG	ATCCCTAATCC
479101	ATAGGGGGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG
479151	AGACTGACGT	ACTCTCTGGG	CTTGGCATGG	GCTTTTAAAG	CCTCAAAGCC
479201	CACCCCCAGT	GACACACTTC	CTCCAACAAG	GCCACACCTC	CTAATCTCTT
479251	TAAACCATTC	AAATAGTGCC	AGTCCCTGGT	AACCTAAGCAT	TCAATATGT
479301	GAGCCTATGG	GAACCATTCT	CAGTCAAACG	ACCACAAAGA	CTGAGGACTG
479351	TGACCACACC	TCAGCATCCA	AGTTGACACC	TGCTCTTTAG	GCTCTAATGC
479401	CAAGAGAAAT	CTTTACACCC	AAATCTCTCG	CCCATCAAGC	TTTACGGCCC
479451	TCCACTTTTC	CTATTCTCCC	CATCTGCAAG	CAAAGGGATA	TGGACACTTC
479501	TAAATATGGT	AGACTGGGGA	CAATCATACT	AGACTGGGAA	CCCATCATAC
479551	TAGACTGGGG	ACCATCATAC	TAGGCTGGGG	ACCATTATAC	TAGGCTGGGG
479601	ACTGTCATAC	TAGTCTTAGA	CTGTCATACT	ATCTGAGGAC	TGTCATACTA
479651	GGCTAGGGAC	CATCATACTA	GACTGGAGAC	CATCATACTA	GGCTAGGGAC
479701	CATCATACTA	GTTTGGAAGT	GTCACTACTAG	ACTGGGGACC	ATCATACTAG
479751	GCTGGGGACC	ATCACAATCT	AGGCTGGGGA	CTGTCATACT	AGTCTGGGAC
479801	TGTCATACTC	TCGGGGGACT	GTCACTACTAG	GCTAGGGACC	ATCATACTAG
479851	ACTGGAGACC	ATCATACTAG	GCTAGGGACC	ATCATACTGG	TCTGGGAAGT
479901	TCATACTAGG	CTGGGGACCA	TCATACTAGG	TTGAGGACCA	TGTCATACTA
479951	GTCTGGGACT	GTCACTACTC	CTGGGGGACT	TCATACTAGG	CTGAGGACTG
480001	TCATACTAGG	CTAGGGACCA	TCATACTAGA	CTGGAAGTGT	CATCATAGAG
480051	TGGGGACCAT	CATACTAGGC	TGGGGACCGT	CACATACTAG	GCTGGGGACT
480101	GTCACTACTAG	TCTGGGACTG	TCATACTAGG	CTGGGGACCG	TCATCATAGA
480151	TTGGGGACCA	TCATACTAGT	CTGGAACGTG	CATACTAGAC	TGGGACCCAT
480201	CATACTAGGC	TGGGGACCAT	CACATACTAG	GCTGGGGACT	GTCACTACTA
480251	GCTAGGGACC	GTCACTACTAG	ACTGGAGACC	ATCATACTAG	GCTAGGGACC
480301	ATCATACTAG	TCTGGAAGCT	TCATACTAGG	CTGGGGACCA	TCATACTAGG
480351	TTGGGGACCA	TGTCATACTA	GTCTGGGACT	GTCACTACTCT	CTGGGGACTG
480401	TCATACTAGG	CTGGGGGACT	TCATACTAGG	CTAGGGACCA	TCATCATAGA
480451	CTGGAGACCA	TCATACTGGG	CTAGGGACCA	TCATACTAGG	CTGGGGACCA
480501	TCATACTAGA	TTGGGGACCA	TCATACTAGG	CTAGGAAAAA	TCATATAGGC
480551	TGGGGACCGT	CATACTAGAT	TGGGGACCAT	CATACTAGGC	TGGGGACCAT
480601	CATACTAGGC	TGGGGACCAT	CATGCTAGGC	TGGGGACTGT	CATACCTAGC
480651	TGGGGACCAT	CATACTAGGC	TGGGGACCAT	CATACTAGTC	TGGGGACCAT
480701	CATACTAGAC	TGGGGACCAT	CATACTAGGC	TGGGGACTGT	CATACCTAGG
480751	CGGGACTCTC	ATACTAGGCT	GGGAACCGTC	GTACTATCCT	TATCCTTCTA
480801	TGTTCTCCTG	CCCTTTCAGT	GATTTCTCCC	CTCCCCCATC	TGTGCAATTA
480851	TTATTTTGTG	GGTGTTTTCT	CCTCTTTAAT	CTTGGTAGTT	TATTCCAAAG
480901	TAGGGTAGAG	GAGATGTTTC	ATTTTACCTT	TTAAAAAACA	GAAGAGAAGT
480951	TTGACTCTTG	TTATCATGCC	AATGAACCTG	GAAGACATTC	TGCTAGGTGG
481001	AAGCATCTCT	TCACAGAAGA	ATACATGTGA	TCCCATTTGG	GTGAGGTGCG
481051	CCTTGCCCTC	ACCTAACTCC	AGAGCCTTTT	TGTCCTCTAC	AAATAGTAGC
481101	TCCTCCTGCC	TCCCTCCCTT	CAACCTCGGC	ACCTACCATT	TAACACTATG
481151	TCTCAATGCA	GTGGGGCATC	CGATGGGTAA	ACGGGATGAT	GGTCTTGGT
481201	GTCTCTCTGG	CATCGCCTAG	CATAGCATCT	GCAGATACGT	TCATGTGACA
481251	GCACAGAAAA	GGACAGGTGT	CAGCACAAGA	CACCCCTCAAC	ACCAAGTTCT
481301	CACCACAGCC	ATCACTCCAA	CCCGGTTTTC	CTTCTCTTAT	TCAGTTCACT
481351	TAAACATATG	TTATGGAGTA	CCTTCGACAT	GATCTACCAT	CTTTGGACTG
481401	CCCCGTGCTA	TTGAAGAGAG	GAAGACAGGA	AGTCCCAAGT	CCCAAGATTA
481451	CACACAGACG	GAGACTAAAC	GGGCAGTTAA	GTGAGGTGCG	TTGAGGTTGC
481501	CCTTGACTCT	CGGAAGTAGC	TACAGCAGGG	AGCAGGGGAT	CTACTCACTG
481551	CCCAGCAGTC	TCAGGGGAGG	GAAAAATGCG	CCCACGGTGA	TAAGCTGAGG
481601	CTTAGCAGGG	ATGAGCAGGC	CACCAAGGAG	CGCCGGGGGA	GACGATATGG
481651	GTAGGGAAG	GTCCAGTTAG	GGCTTGTGTTA	AAGAAGGGGA	ACGAGACTGC
481701	CGCCATCGTG	AAATGAGCAG	AGAGCAGGCG	GCCAAGGCCG	GCAGGGCAGA

481751	CCACGAAGGC	AACAGGAAAG	ACGCTGCCCG	CTATAGGAGC	GCACAGGAGG
481801	AGCAGTGGTC	TGAACCCCTT	ATTACAGAGCT	CTGCCTGCAG	TTGCAGGTAG
481851	AGGTGATGAC	CTGAGCCTCT	GCCTTCTTCT	GCCTTCATTG	TTCTGAGAAT
481901	GACACAGGCA	GGGCCACAGA	GAGCCCACTT	GCCTGCTCTG	GGACTACAGA
481951	TAAACATGGAT	GGTGGAGGCA	AACTTCTCTG	TCTTAGTGGG	GCTAACCAAGC
482001	ATACTGGACT	TGCTCTTAATC	TTTPTTTTPTT	TTCTTTCTTAA	CTATCCAGGA
482051	CCCAGTCCCTG	ATTGCTPGAT	AGATATTTCC	TTGGAACCTGA	AGCATATGCC
482101	CACCTTCACC	CCAACTCGAA	CAGAGGCTTG	TTAAGGAAAT	AAACAGAAAT
482151	TCTGAGTTTC	AAGAAGCTAT	GGAAATTCAC	AAGAGGGGCC	CTCCCTTCCC
482201	AACACCATAT	AAGGAGTGAC	ACTTTTTTTA	AAAAAGATT	ATTTATTTAT
482251	TATATGTAAG	TACACTGTAG	CTGTCTTCAG	ACACTCCATA	AGAGGGAGTC
482301	AGATCTCAT	ACGGATGGTT	GTGAGCCACC	ATGTGGTTCG	TGGGATTTGA
482351	ACTCAGAGCC	TTCAAAAGAA	CAGTCAGTGC	TCTTAAAGCG	TAAGCCATCT
482401	TTCCAACCCG	AGCAGTGACA	CTTACTGGAG	GTAGGAGGCC	GGGGAGGGGG
482451	AGATGGGACT	GGAGCCCAAG	CAACCTGGGT	CACACACACC	GGAGAGTTGT
482501	GCAGAAAGCT	CTGGGGATTA	TGTGGTTAGC	AGTTTGGGGA	TAAGCTTTPTT
482551	CAGCAGTGCC	ACAAGCCTTT	GTGTCAACAA	GTAGCCCTAA	TAAATTTCACT
482601	AGGTCACCAC	AGTAGAATTG	TTCTTTTGGT	TTGCCGTGGA	TGCTCATCT
482651	GGGTCAATAG	ACATTCTCTC	ATGTCTCCCC	AGAACACAT	AATTCTTAA
482701	TTCACTCTGT	CTTAAAGGCC	CAGACCCAGA	ATCATCCCTT	TGTAACACCT
482751	CTCAGCCAGT	AGCCTTCTCT	CTTGGTCTCT	AAGGTCCTTC	CTGATCTCTT
482801	GGTACTCTGA	TCCTGATACC	TGCTCGGCAG	GCATCGAGAA	ACAGCTGCAG
482851	CACCCAGATC	GGCATCTTGT	TTTTAGAGCG	TTTAAAGCCT	CACAGGAGTC
482901	GAGTGATGTG	AATTCACAT	GCAAAATGGC	TGGTGTCTAG	CCCAGGAGTC
482951	TGGTGCAGAG	CTGGAAACAG	AGTCTAGCCA	CACCTCTGCT	CTGGCTTCAG
483001	CTAGAGAAGG	GCATATCGGA	GAGCAAAAC	TCGCAACTTC	CTTTGTTAAG
483051	TTTGCACACC	AAGAGGGAGG	GGAGGCAGAA	AAGAGTCTCT	GCTGAGGTTT
483101	AGCTAAGGCT	TGTTGTCTAT	CCCACCCCA	CCCCATCTGT	CTCTPCTCT
483151	CTGGCTGTCA	TCTCAGGCAT	AGTCACTCT	TATCCCTACA	AATATCTCTT
483201	CAGTTATCTC	CTTTCCACCA	AGTTACTTCA	CCCCAACAG	CAAGCCAGCC
483251	CGCTTTCCCA	AGCCAGGTCC	CTGGCATCCA	GAATGTGCCT	AATAAAAAACA
483301	CATGTTGTAA	AACTAAATGA	ATGAATGAAT	GACCTTTTTT	CATGCAAAAGA
483351	AGAAGCAGCA	AATCAAAATG	GGGAGGGGCC	GGAGCTCTCC	AGATTTTAAA
483401	AGAATGTATT	GCATTGATAG	ATTAGATTTT	CTCTCTCTCT	CTCTCTCTCT
483451	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTGT	GTGTGTGTGT
483501	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	CCCGGCAGGA	CTCTCCATT
483551	CGAACAGCT	TTCTTTAACT	GGTTTCTCAG	TGGGGTAAAC	TCTCATTTCC
483601	CAGGAGCACC	AAGAAAGGCA	AATCAATATT	CACTTAAGAT	AGCAATGTGC
483651	CCTAGAACCA	CAGGGGCCAA	AGGGGTAGAA	CATCTCAAGA	CCGCGTCCAA
483701	GGTCAACAT	AAGTGTGTCC	GGAAATTAAT	CAGTGTAAAT	AGCCAGCTGG
483751	CCCCTGGTGC	TTCAACAAGC	GGCTGGGTAA	AGATTCGGGC	TGGCCTCAGG
483801	CCTTGGCCCA	GCAGGGAGCT	GAGACGGGGG	AAGGGCGCCC	CTTGCCGAGG
483851	GTGAAGAAAA	ATACAACCTG	GCAGTTGGTG	AGCCCTATGC	TACGATTTCA
483901	CTTCTAGAGG	GCCATTTAAA	ACAAAAAACA	AAAAAAACCT	CAACCCAGAG
483951	TCAAGCCAA	GAGCTGTTC	TCACAAGCCC	TCTCTTAGCC	CTTCTCCCTT
484001	AGCCCGGTGG	CTAATTCGAG	TCCTTGATCC	CAAGGAGACA	GTGTCCCCCC
484051	ACTCCTGAGG	CCTTCGTCTT	TAAAGAAAAG	ACGGCCGATT	ATTACTTTTT
484101	TTGTTCCCTA	TTACCTTCTT	CATCTTGGGC	TCTTAGAGCT	CGGAGCTAGG
484151	GGTCTTGGTC	CTGAGAAAGA	TCTCAGACAC	TTTGTAGTAG	GAGGGAACTC
484201	AGACACACCC	TAAAGCCACA	CACACACACA	CACACACACA	CACACACACA
484251	CACACACACA	CACACGTCAG	TTGCCCTGCT	ATAAACTGTC	GAGGCTGTAT
484301	TGCACAGTCG	GGAGGTTCCA	ACTCTCGTGG	TGCCCTGCCT	GTGTCTTAT
484351	TTAGACCCAG	AATGCGTCCG	TCCGACAGAG	GAGAACAGCG	GCTAATGAGG
484401	GATCGTGAA	CAACAGAAAC	AATGGCTGGG	GACCACCTAA	GCACCTTTCT
484451	CCCCCAGGGA	AGGTAGAAAT	GGCTTTCTAA	GGACCTGCGT	CTCTTTATTT
484501	AATCTTGAGT	GACACCTAGT	GGTCCACCCG	CCTCACCGTT	GGCAGGCTT
484551	CTGCTCAGAG	GAGCTTTAAG	TAAACTGGAG	CTCATCTTTG	CTTTCAAAGA
484601	CCTGGGGAA	CAAGACACAG	CTCGCTGAAG	GTTTCTAGCA	CTTCCCCGCA
484651	AGCATTTGCC	TACGTGATTC	CGAAAGAAAC	GCTCTTATCT	GGAGAGCTTG
484701	CTCAACTGGC	ACATCGTTCT	AGCAGCGAAT	GTGTTAAGCT	AGAGCGCTCT
484751	CTAGGTACTG	GGAAACACAG	TGTCCCACTG	TAGGCTTCCT	CTCTCTAGAA
484801	ACAGCCTAGG	TGTGGTCAGA	AAATGGACCC	GGGTTTGGGG	GAGTGTTTTA

484851	TTTAAAAAAC	ACCATAGTCC	ACTGGAAAAA	TGGAGTGTGT	GTGTGTGATT
484901	TGTGGATGGA	GGAGAGCAGT	CACCACTTGA	GCTGGGTCTCT	GGAGGTCAAG
484951	TAGCGTGACA	GAATAAAAGT	GGATTGACAG	CCCACAATGT	ACACATCCTT
485001	CCACTCCGTT	GTTCAAACAA	TGCAACTTGAG	GGCTGCTGGG	AAGAGAATCT
485051	TGTGGTGTGG	TTAAGATCCC	CGGGTCTGCC	AACTCTTAAAA	ATCTTAAAGCT
485101	TGTCCAAGGC	AGGCTCGGCC	CAATCAGCTG	AACACTTTAA	AGGGACTGGA
485151	ATGTTCTCTG	CAGAAGAGAT	TGGAGACTCA	AAAGGACTCT	TGTGGAGTTT
485201	TTCTCTGATT	GTTGTTTCATT	AGGAATTTGG	CTAGCCGGGA	GAGAGCTGAG
485251	AGCCAAACTG	TGAGAAGATG	AGTTCGTGACA	GTGGCCAGAG	CGCTGGGAGA
485301	GAAAGCAAAG	CTTGCTTTTGC	GAAAAACCAA	GTCCCAGCTG	ACGCCCTGAGT
485351	TTAGCTTTGC	AACACCACAG	AGAGAGGACT	CAGGCTTCTCT	GTGCTGGTCT
485401	ATAAACTAT	GATTAACCAA	TTGGAGGGGA	TTTAAGCTGA	TAGCTATGCA
485451	ATGTGTTTCAG	AAGCCACAGA	AAAATGGAGG	GGGTTGGCCA	CTTGGAGAAC
485501	AAAAGCCATC	TGGCCAGCAG	GACCATGCGAG	GCAGACGACA	AAGGAAAACG
485551	TAGCATTTGAG	AACAGGCTTT	GGATGGGAGG	CACAGTGTCC	TTGGACAGAG
485601	TGATGGCTCC	CTGTACCCCT	GTGTTACAG	CGTAAATGTG	AGTGGTCTAGT
485651	GGTTTTAAACC	TAGAGTTAGT	GGTGTGCTTG	CATAGACAGG	GCTCGATAGT
485701	GCTCAGGAAG	TATCAAGTGG	TCAGAAGATG	TTAGGCCAAT	CTAGTTGTAG
485751	CTCTTAAATCC	ACAGACAAAG	CACCTGGGCTG	AGAGGCCCTTG	CTAGTTGGGT
485801	GGTTTTTTTGT	TTTTGTTTTGT	TTTTGTTTTGT	TTTACTGGGAT	AGGGGGCATC
485851	TAAGACTTGA	TATCCCTGAC	CCTACCTTTG	TTCTTACTAA	ATGACTACTCT
485901	ATAAGTAAGG	CCCAAGGACC	TGAACCTACA	AAGAGCTTCC	AGAACGAGAG
485951	GGTGTAACTG	CACCATTGCA	GTAGTTATAC	ATCAGTAAGC	AGCTGGTAGA
486001	ATACAGAAAA	GGCAGTAAGG	GCAGGGTGTG	CACATGACAG	GCTTTGAGGG
486051	AGCACCAGCAG	CGTCTAAAGG	GGTGAACAGG	TCACCCAGAGA	TGTTGCTGGG
486101	ATCATTTCTGA	GAGGTGGGTG	GGGATGGGGA	TAATCAGTTGG	GTGTTGTTGGG
486151	TTGTGAGAGT	CCAGGAATCT	TGTGGGCGTG	CAGCTGGAAC	ACCATATAGG
486201	CAGAAACACT	CGAATTCAGG	AACCATACTG	GGACCGGAAT	TACAATGTGC
486251	GTGAGCAGAT	GATGTCATAG	GTGTGGAGAA	CAGAACTGAA	AACATGTGGG
486301	CGGAGGTGTG	GGCCTCTCTG	GAACTGAGAA	CAGCCATCA	GGGAGACAGG
486351	AAAGGTGCTG	AGTGGGACAT	GGGCCAAGGG	AGACACTGGT	CACCAAGTGC
486401	CCTGGCCTTG	GAAGATTCCA	AAGGGACAAA	GTCTGGGAGC	TGCTCCATCA
486451	ATGGCAAGGT	CTGCAGCACT	CACAGACTAT	GGCTTTGGGAA	TGGACAGGAA
486501	GCAAGAGATG	GGTTGTGCTC	TTTGGCTTCA	GAAGCGAAAA	GGGAAAACAG
486551	GGTAGAAGCT	AGAAATGGGT	ACACCCCTCAC	CCTGCACCAA	TTCCGTTGAT
486601	TGGAACCTAG	ACACACCATC	CATAAACACG	GCTGTGGCAG	GCCGCCAAGA
486651	ACCTGCTAAC	CTTGAATGCG	ATAGGGCAAG	AAGCATAAAG	CTCTAAGGAA
486701	AGAATGGTTA	CCTGGTTGCC	AGGCCAAGTG	TGCAGTTATG	CTCCAAAGTG
486751	TGCCACAGAG	TTCAGGAGGT	AAAAAACGAC	AACTGGGCAG	GGGACCTTCT
486801	CTCTGGGGAG	ATGAGTGCTG	GCTGGCCAAA	GGACACTGAG	TTGCAGAAGT
486851	CCTAGCTAGG	GTGAAAGAGC	ACAAATTCTG	TGAGGACCAA	CTGTATGCTC
486901	TGGGGAAGGC	TACTTTAGCA	CTCTCTACTC	CAAGAGCTCA	TCCATTTCAGT
486951	GGAAACAATA	GCCAGACTTC	CCCAGGGCCA	CTCCCTGGGA	GAGCCCCCTC
487001	AGTGGTGGTT	CACAGTGAGG	GCTAACACAT	GGCAGCGGGC	CTGAAGAGTG
487051	TTTGTATTTT	ATAAGTCAGA	CAACGGCAGA	TCGGCCAGAA	CCCCCTAGAA
487101	ATCTCACACA	AAACAAGCTG	AAGGCCCTTGA	CTATGATCCA	CAGGCCACCC
487151	TGCCACTGTC	TTCTCTTAGT	CCCTCTCCCT	GGGTCTCTAC	CCCTCCAGCA
487201	TGGTTGTCTT	CATGATGGAT	GGGTGTGGAT	CATCAGACAC	ATGGAGCTTT
487251	ACCCCCGAGA	CCATGTCCAG	GCAGCTACCA	CCGAGCTTTC	TTCTCTGTAG
487301	ATGTATGTAA	GGTGAATGTA	TGAGAACTTT	CTGGAACCTT	GGAAATGGACA
487351	CCATTGCCCC	ACACATCTGT	TCAGCTGATG	CATATACACA	GAGAGCAGAA
487401	CTTAATTCTT	AAAGTGAAT	TCAGTAGCTA	AGGCAAGCAC	GGCCCCCTCTG
487451	CTCAAAGAGG	AAAGGATTCA	GAGCTGAAAT	GCTGGAAACCA	CACCGCCTAG
487501	TTCCAAACCC	TGGCTTGGAC	ACCACTCACG	TAAGGTCTCT	GTGTTGTPTCC
487551	TCTCCTCATG	CAAGACAGGA	ATAATAGTGA	TACCTTACCTA	TCTCATTAAGG
487601	GTTATGAAGA	TGTATATGTG	AATGCACACA	CATATACACA	CACATACACA
487651	CCACACACAC	ACACACACCA	CATGCCACGC	TGCACACCAT	ACCAATATACA
487701	AACATATACA	CCACACACAC	ATACACACAC	CACACACACA	CATATATATA
487751	CACACCACAC	CACACACATA	TACACATACA	TATACACATA	CATACACACA
487801	CTACACCATA	CACACACTAT	ACCATATACA	CACACAGACA	CCACATGCCA
487851	TACTGAAACAT	CAGACACACA	CTATACCATA	CACACACACA	GACACCACAT
487901	GCCACACTGA	ACATCACACA	CACACATATA	TACATACACA	CACACACATA

487951	GACAAAGGGA	GAAAGGGAGG	AAGAGAAGGA	GAGGGAGAAA	GAGAGACAGT
488001	GCTGGGTATA	TGACAAAAAA	ACCAACAAAC	AAAACCAGCC	TAAGGGGCCAA
488051	CAACATATTC	TGCGTGGGAA	TGCACCAGTC	TAGCCGCCCT	TTTCATAGGC
488101	ACTGGTGGAG	AACATGGCAT	CAAGTGCCGA	ATACATGGTC	ACTCGCCATC
488151	CGCAGCAGCA	GCCTGTGTCC	GTGCCGTGTG	TTATCCCCGA	CCCTGAAGCAC
488201	CATGGAGTGA	TACAAAAACA	TGGGCTTTTA	TAAGAGGAAA	TCCGTGATGTT
488251	GGGCAGCCCC	TGTTCTTCAT	ACTAGGCAGT	GACCCCTATC	CGTCTCTTTC
488301	TAAAGGATGT	TGCTAATAAC	TGTCTCTGAA	GAGCTAATAC	ATAATCCTGC
488351	CCACACGGTT	TTTCATGAACA	CCGGAGCTTC	ACAGACAATC	AGTTCCTGAG
488401	AGTGTAGGGT	GGAAACCGGA	TTACTATTGC	AACAGGCAGG	GTCCCTCTGAA
488451	GAAACAGAAC	TGAGCGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
488501	TGTGTGTGTG	TGTGTGTAAA	ATGTGGACTG	GTAGTCCAAC	AAGTCTGTCT
488551	CACACTGGAG	AGGCCAAGTA	CCTTGTAGTT	ATGTCTTTGA	AGCTGGGTAC
488601	CTCAATAACC	CTAGTCCGGT	GCTCCTCTAG	AGGACTGGAG	GAGTCTCTGGA
488651	GAGCCTTAGG	TCTAAGTTAG	AATGCCAGTG	ACATTAGTTT	TAATAGCAGG
488701	AGTTTTAATA	TGTGGACAGC	AACAGGATAG	ATGAACTTGT	CAGCCAGCCT
488751	GAGGGCAAGC	AGGCACGAAC	CCTTTTCCTT	TTTCCACATC	CTTTGGTCTG
488801	GGCTGTCACC	AGAAGGCTGG	GTCTTCCTCT	TTCTGATPAT	CAAGAAATTT
488851	CTCACCAGA	GTGCCCAACA	TCTTTGGGTTT	TAGCTGATTC	CAGAAGCTGT
488901	CAACTTGAAC	GCTGAGGTTG	GCCTCCAGAA	CTGCCGTAGG	AAAGCTGAAC
488951	CTCGAAGAC	TAGCTTTATG	TCTTTGGACG	CTCTTGGAAAT	TGCTAGAAGT
489001	TGGAGTAAAA	CCAGAACCAA	GAGACAACAA	GTTACCCAGA	CTTCTGGCAA
489051	GTCCAGAGAT	TTGAGTCCAG	GTTGAGTGAC	TAGACTACTA	AGTGTGCCCT
489101	ACAAATGGCT	TCTCTGAGGA	ACTGCTGTCA	GCGATTGAGT	GTGATATTGG
489151	GCGAATGAGT	GTTCAAATGC	ATGAGGGATA	ATCTATCACT	CTCTATCGAG
489201	AAATCCAGGC	ACTCGATCTT	TTTTGACAGG	CAGCAGCTAT	ATTCTATTGC
489251	CAGGAAGGAA	GGCAGTTGTC	AAATTCCATA	TTTTTCCCTT	TGAAAAAATTA
489301	ACATTTAGCT	CAAATGTGAG	AGCTGGGGGA	ACACACAAGA	CCTTAATTAC
489351	AAAGTGCAAT	TCAAGATCTG	TACTAATTTA	TAAGCTGATG	AAAAATTCACT
489401	TGAATTTGAG	AGAAAGAATC	AAGGGACGGG	GAAAAGGAGC	CGGGCAGGGT
489451	TAAACATGGC	TTCTATAAAA	TGTTTAAAGT	TATCGAAATA	AGCAGCCACC
489501	CCTCTGTCTG	AATTACAAAT	TAATCACTTG	TGTGATTGTT	TCATCTGTAA
489551	AACCTTGGTT	GCACGTCAAA	AGATGTACAG	AGAATATTTT	TTTAAATTTT
489601	GTAGTTTCTC	ACAGCAATAT	TACACCAGAT	TAAAAGCTTT	AAAGACCAGC
489651	TTAGATACAT	AAAATATTTT	TTGTTTGTTT	GTTTGTTTGT	TGTGGACAGT
489701	GTCTAGCTAG	CCTGGGTACC	CTGAAACCCA	CTATAGCCCT	AGGTAGCCCA
489751	AAATTCACCT	TGAACCTGTA	AAAATTCCTC	TGCTCTCTGC	TCCCAGGGGG
489801	TGACAGCTGT	GTCTAGTTTC	TAGGCTCAGC	TATATCTTTA	AATGTAAAGG
489851	AAACCACTGG	AACCCCTGAT	TTGCTGTTC	CTAGCTGTGA	CCTCCAACCT
489901	TCCAGATAGT	CCCTTAGGGC	AGCAGTTCTC	AACCTGTGGG	TTGCAACCCC
489951	TATGGCAAAC	CTCTGTCTTC	AAAATTTATTT	ACATTATGAT	TCTCGACAGA
490001	AGCAAAATTG	CAGTTATGAA	GTAGCAATGA	AAACAGTTTT	ATGGTCTGGG
490051	GTCCAGCAAA	CATGAGGAAC	TGTATTAAAG	GGTCACAGGT	TTAGCAAAAT
490101	TGAGATCCAC	TGCGTTTGAG	TTTGTCTCCT	GTACTAAACA	GAGGTAGAAA
490151	TGACCCCCCC	CCCAGGCTGC	AGTAAAGATA	ACTGTTTGTG	ATTGCGAGTC
490201	AGTCATGGCC	TTCCCTTTCCA	GATTCTGAGC	TCAGTTCAGT	CTGGAACCTAG
490251	ATGAGGCCAA	AACAGAGTTA	AGTGTTCACG	CTGGGCTGGT	GGACAAGACA
490301	TGGGGAITTC	AGCTACCCTG	TGCTTGGAGT	ACCCACCTTG	CCCTGCCTGC
490351	CAGCTACCAC	TGCCACCTCA	GCCAGACCTG	GGAATCTGAT	GTGGAGACTA
490401	GATCTCGAGA	GACAAACTCA	AACAGGCTCC	CCAAGGGAAG	AGGGCTTCCT
490451	CTACCCACCC	TGCACCCCTC	CCCATGAGAA	ACAGAAAAGA	AGATCTGCTG
490501	CAAGGAAGGC	CTCCTAGGCC	TTAAGGAGGC	CTCAGCTACG	GCAGGTAGTA
490551	GACTTCCCCT	AGAGGAAGAG	TTTTGCATTC	TCAAGGAGGT	AGGCTATGCG
490601	TCCTTGGCCC	CACAAAATCA	GTCCCTTAAA	CAGAGACGTC	ACCAACCCAG
490651	TAAGCAGATG	TGACCATCAG	ACAAACAACC	TATAATGGTC	CCATTTCCCT
490701	AGTCACAGAG	TGACACCTTT	CAACCTGTTT	CACGTCACAC	AAATCCCAAT
490751	GGCCCAACTC	CCACCCACCC	CCCAACATGG	CCATCAAGAG	ATCTTTCCAA
490801	ACCAGAAGTC	TAATTCATGC	TGATAAGATA	AAATCCAGGC	TGACACATAG
490851	GTCCAGTTTA	TGTCATCATGT	TGCCTTTCCC	TTACCACATG	CCTTAGTTGC
490901	TTCTCTCTGT	TCTGTGATAA	GAAACACCC	GACAAAAACA	ACAGTAAGG
490951	AAGTATTTAT	TTTGGCTCAG	GGTTCTAGAG	CACAGCTCCT	CCCCATAAC
491001	ACCCATCATA	ACAGCCAAGG	TGGCTGGAGC	TTGAAGCAGT	TTGTCACATT

491051 GTATCTATAG TCAGGAAGAA AGAAAGCAAT GAACATATCAT GCTCAGCTCA  
491101 CCTTCTTCTC TTCCCTCCAAT CCAAAATCCT AGCCCCAGGGA ATGGTGGCCG  
491151 CCACAGTGGG CAGGTCCTCC CACTTCAGTG AACCTAATCA CAGTAGTCTC  
491201 CCAGTGTGAT TCTCAGAACT CCATC'TCCCA GATGATGCTA GTTGCAATAAT  
491251 CTTTCAAGTT GACAACTGAG ATTAACGATC ACACCACCTT ACAAGAGATC  
491301 TCTTTCCCTA TAGTCCCCCT AACCACTTGC CGTCCCAAGC GCATTATGCT  
491351 CTTGAGTCTT CCTGATGGAA TAACCCATACC CACATCCAGC CTGGGCATAG  
491401 GTGTGCACCT CTCAGAACCG C'CTTAGACCA CACCTCTGCC CTGTACTPCC  
491451 TCCACACTGG CCTCCACTGC AGCTTGGCCC CTTGGCAGCC TGTGGTGCCA  
491501 CACTTCAGCT CTTTGATTAA GCATGCACAC AGAAGCCCAAC TGCTCTGAATT  
491551 CAAAATCTAG TATCTGTGAG ACCTTGGCAA CATGAGTCTAG CTCTGGGCT  
491601 TATTTATTTGG CAAAATATGG GTGCCAACAG TAGGGGGGGG GCGTGGAAGG  
491651 ATTATGCAAA GTTCAGAGAG CACCTATGGA CACCTATGGA CCGTAAACG  
491701 TAAGCCGTAT TTAAGGTATG C'TTTTACCTT CTCTGCCAT TACTTGTACT  
491751 CTGTTCTTGT CTTT'TTTTTT TTTTCTCTCA ATTTTTCATT TTTAATCTCT  
491801 AAAGACTTTT TTTTCTGGTT TCCAAATTAT TCTTGGGGTT TTTT'TGT'TT  
491851 GGT'TTGTGCTG TGGT'TTTTTT TTTT'TCTTT CCATTTAAAG TGTT'TTGAAT  
491901 TTATGTATCT GGGT'TTTGAC TGCATGTATA TC'TGTGCACC ATGCGCATAT  
491951 CTAGTGATTA CAGAGTCCAG AAGAGGGCAT CAGATCCCCG GGGACTGGAA  
492001 TCATAGATGG TTATGAGCTG CTGGGTAGGT GCT'PAGGAAT ATACCAGGAA  
492051 CTCTTGGAAG AGCAGCTGGT GTGCTTAACC GATGAGCCAT CTC'TCAT'TT  
492101 TAATTTT'TTTT AAATGTAGC ACACAAAGCA ACAGGTTTCA CCGTGGTCTT  
492151 TTTTATATAC CCATTGTGGG GCTGTGGGTG TAGGGGAAGG AGAGGGGAGG  
492201 GAGAGAACC ACCTCCGGCC AGAGTTTCTG TGC'TCTGGGC AGGTGGATGC  
492251 GGGAGGAGCT CTAGATGCTT TCCACTTGGC CCCTGGTGGG CATCTGGCTG  
492301 TGTGAAGCCA CTGACCCAC ATGGTAGGGG TGGGACAAGG GCGAGGCCCT  
492351 GATACAATGG GCCCAGGGT GACACTCTCG GCTCCAGAGA TACAAGTGGA  
492401 GGGCAGAGGA AGAGAGTTC TCATGCAAGT GAGGTCCTT ATGCTGGCCA  
492451 GTCCGTGGCT GAGGCACAGA AGGCCTTCTG ATGGGAGATT AGGCACGGCT  
492501 CGTTAGGAGA AAGCCTATCC CATCGTCCAA GCACAGCGGA CCTTGATGAA  
492551 CAGAGACAGT CTATGGT'TTT AGAGCTTTAT TGTAGAAAGG TAAGTAGTAG  
492601 AGGGAGAGAG TAAGAGGGAG AGAGTAAGGG GGAGAGAGTA AGGGGGGAG  
492651 AGTAAGGGGG AGACAGTAAG AGGGGAGAG TAAGGGGAG AGAGTAAGGG  
492701 GGAGAGAGTA AGAGGGAGAG AGTAAGAGGG AGAGAGTAAG AGGGAGAGAG  
492751 TAAGAGGGAG AGAGTAAGGG AGAGAGTAAG GGGGAGAGAA TAAGGGGGAG  
492801 AGAGTAAGGG GGAAGAGAGT AAGAGGGAGA GAGTAAGAGG GAGTAGGATA  
492851 GGGGAGAGAG GTAAGGGGGA GAGTAAGGAA AGTAAAGCT TAAGAGAGCA  
492901 AGGAGGGGCC AAGCAGCCCC TATTATAGTG GGCTGTGTTA TCTTGTCTGT  
492951 GCTAGGTAACT TGGGAGTCTA GCCTGAAGGT CAGAAGCTTG TGACATATAT  
493001 TGACTACTAG CCACATGCTT CTCTGTGGG GGC'TGTGGG ACGGTAA'TTT  
493051 TGGACGAGG CAGGGGTCCA GGAGACATGA GAGAACACCT TCTGTTCCAT  
493101 GTAGGTGAAA ACTTCCACCA CTGGGTTTCA CTGGGGTTCA GACCTCAACT  
493151 GGACTGGAGA CCAGACTGTG TATAGCCCCA TGACCCCAA C'CCATTA'CTA  
493201 CCCTTAAATC TAAPTTGTCC CCTTCAACCT C'CTTCA'TGCC ATACTCCACA  
493251 TTTATTTTCTT TAAATCGACT CCCCAGTCT CCAAGGCAGA TGCCACGGAG  
493301 TTCTTAGCAGA TGAGCTGGTT GTGTCTATAT AATATAGATT TATCAAAAATG  
493351 TATATTTTAT TAAATAAAAC CTAGCTGTCT GCGGCATCTC CAGCCAT'TGG  
493401 CTCTCTCTCC TACACATGTG AAAAAACCCC ATTTTAGACA AT'TGACT'GAGC  
493451 CATGTGTCCA TCTGCCAGCA AAGACTATAT ACGCTGTGCA AAGGCAGGCA  
493501 CCAAAGGCTG CCTCGTGTCT CGGTTAGCAA ATAGTTTATA AATATCTTG  
493551 ACAAATGATA GCC'TPCCATC GCTGTGCAGT TGGTGAAGC AGGTGGTCTG  
493601 GGAATACCAT CCCC'TGTTTC GGCAGCTGGA ACAGCCTATG TGAAGGCCAG  
493651 ACAATAACAG ATGAAAAACT GCAAAAGCCA GGGAGGGTGG TGTGTGTCGT  
493701 TGATTCCCAA TTCAGGAGGC CAAGGTGAGA AGATGGAGAG TTTCAAAGCTA  
493751 GCCTAGGCTA CATGGCAATA CTGTATCAAC AACATTAAT ATGACAGAAA  
493801 AATAGAAGAG CGAATTTATC ACAGGTCCCT GGGGTAGCCA GGGTGACCTT  
493851 CCTTCTCTGT TCTCTCTCTC CCTCCAACAT ATGGATGTCT TGTGCTTTTG  
493901 ACAGCAGGTT AGAAGGGGGT TTCAGGGTAG AATGAATCAT AAAC'TGGGGT  
493951 GAGGGGGGAG CATCTGATTT TTAGCAGCAG CACGACGAGC AACACAGCA  
494001 GCAGCAGCAG CCTTCCACTA T'TCACAAAG ACCTGTC'CCC TCCGGCTTGA  
494051 AGAAATTAGA AGCTAATGAT TTATATTGAA ATCTAACGTC CTATTTCTGG  
494101 CCTCTCTT'TT GATGGACAGG TCAGAAAATA CAGATTGATT TGAAGGCTA

494151	GAGCTCTTTA	AGAAGAGTAG	TAGTTACTCC	TCCGTGAGAC	TCTAAGAAAT
494201	GAGGGGGGGG	GGGAATTCCA	ACGCCAGGGA	GGGAGCAGGG	TCCTGGAGGA
494251	AAGCCATGCC	TCCTTTCAA	GGAAACTCTG	ACAACCACTT	CTAATCTGCG
494301	TTCCCTTCCC	CAGCCTTCCA	GACCTCAAAT	TGGCAGAAAA	TAATTTTCCC
494351	CCCTGTGGCA	ATTAAAAACG	CCTCGAGCTG	CAAGTAGTTA	GATTCTCTGG
494401	ACAGTGGCAC	CGTTCTGATG	TTATCGGCTG	TCCTTCTGTT	TTCATGAATA
494451	ATGTATAAGA	AGAAGCAGAT	ATTAACGGTG	GATTCCTCCA	TGGCTGACGG
494501	TATTTGCCACC	AGACAAGTCT	GTGAACCTTC	CACAGTTGAT	TCATCTGTAG
494551	CTCTTACAGG	TCTTCACACT	CTGGGCTGTC	ATGTGCCAAG	AACTTTGGGA
494601	GGCAGCCTAT	CCCTGCTGTT	TTCTTAGCAG	TAAAAGGAAG	GAAGGAGAGA
494651	AGGAAGGAAG	GAAGGAAGGA	AGGAAGGAAG	GAAGGAAGGA	AGGAAGGAGA
494701	AAGGGAAGGG	AAGGGAAGGG	GAGGGGAGAG	GAGGAAGGGG	GTCTCTTAGA
494751	GTGCCGAACA	CTAGACAGGG	CATTAGACAG	GCCGTGGCAG	TGCAAXXXXX
494801	XXXXXXXXXX	XXXXAAAGGG	AGATCCACGG	GTAAGCGAAT	TCGAGAGCGA
494851	ATAGAAGGAT	ACAAGAGAGC	ATGTCGAAGA	TGGTGAGCAA	GAAAATGTAG
494901	AAGATGACTT	GTGGAGAGTA	ATAATAGAAG	AGAGAGATAA	TAGAGTAGGA
494951	GAGCAGAGAA	CAAAGAACTG	AAAAGAGAAT	CGCAGTGAAG	AGATAAACCA
495001	CGGGAATGAA	AGGTCAAAAG	TTAAGAGGTA	GACAGAAGTG	TCAAAATGGA
495051	ACAGTGTAAG	AGGACAACAC	AGTTATATTG	CCAGATATGA	CAAGTACACA
495101	GATATAAAG	AGAGAAGAGA	AAAGGAAATG	GAATAATGAG	AAAAATCGAG
495151	TGTCAAATTA	ACAATATAAA	TTAGACATTG	ATAGGAGAAA	AGAAAGGGGT
495201	TGAAGTGTAC	CAGAGAGGAT	AAAGAAAATG	TAAGAGGTAT	AAGGAAGGAG
495251	AATAGGAAAG	GAGATAAAAA	AGAAAATCCG	AATACCATAA	AGTGTGAAA
495301	TATAGGGAAG	GTAAAAGTAA	AGGAAAGAAG	AAGGTAAATG	GGAGCGCAAA
495351	AACAGAAGGA	GAGCAAAATC	AAGAAAAGGA	CAAGGGAAAG	GGAAACAGAG
495401	ACAGGATAGA	AAGAGCATGG	AAAACCATAA	ACGAGCCAC	CGCAGCCAG
495451	GACGGGACAA	ACAAAAAAGG	GAGAAAGAGA	AGGGGAAGAA	AAGGCAAGAA
495501	AGGGAAGAG	AAGGGAAGAA	AGGAAAGGAA	GGGAAGGGAA	GGGGAGGGGA
495551	GGGGAGGGGA	GGGGAGGGGA	GGAGAGGAGA	GGAGAGGAAA	GGAAAGGAAA
495601	GGAAAAGGAAA	GGAAAAGGAAA	GGAAAAGGAAA	GGAAAGGAAA	GGAAAGGAAA
495651	GGAAAAGGAAA	GGAAAAGGAAA	AGGGGGGAGA	AGAAGAGGAA	CCCGCTGTCT
495701	TTCTCTCTTC	TGTGGTCCCA	CATCTGAGTA	GCCCTGGAGC	TACTGGTGGC
495751	AACAAGTCTG	TCGACTTGAT	GTCTGATGAT	ACCTACATGG	CTGTATGGG
495801	TCAATCAGTG	CAGCTCTGAT	CCTAAATGCC	TACCAGAGA	ATGTCCGCA
495851	TTTGTGGCAA	GCATTTGGGC	AAAGGCTCGA	GTCGAGAAGA	AAGCCATGCC
495901	TAAACCTGCT	CCTTTTCCTA	TCTATGTTCA	CACGTATTAT	GTCTTTGGGA
495951	AGGAAATGAA	AATCTTCCAG	CCCCACATTT	GACTCATCCA	TCCAACATAT
496001	TTGTATTTTC	TGTGATGCTT	CCCACGGGAG	AGCCACACTG	AGATCAGTA
496051	TTACAGGACG	AAAAGCTAGT	TGTTAAGAAC	ATATAAAGGG	TTAATAAGGA
496101	AGTCAGTACA	GGGGATGCGA	GTGACCGACG	AGCTAGGGTG	CAGAAAGATG
496151	ACAAACTGGG	AGACTGACCG	TGCATTCAAG	CGCGTGGGAA	CAGCATGCAC
496201	AAAGTCTCTC	AGAGAAGTTT	AGGGTGAGCT	GTTAGAGGAA	CCTGAAGATA
496251	GCCCAGAGCG	TCAGGTTTCG	AAATTTGGCT	TCAACATTCA	CTTGAACCTT
496301	CTTCTTGAT	TCTCTGATAC	CCCTTAGGGA	CTGAAAAGTG	TTTTCATCTTA
496351	GCTTTTTC	CCCACCTGTT	TCCACACCCC	CCCTCACCTT	CTGAGGCTTA
496401	CAACCTTCTT	AATGCTGCAA	CCCTTTAATA	CAGTTGCTCA	TGCTGGGGTG
496451	ACCTCTCTCA	ACCATAAAAT	TACTTTTGTT	GCTGCTTCAT	AACTGTAATT
496501	TTGCTACTTT	TAGGAATCCT	AAGGTAATA	TCTGATATGC	AGGATATCTG
496551	ACAGAGACCT	TCTAAGGGGT	CGAGACCCAC	GCTGCTTCAT	GGGCCCCGCT
496601	AACTGCTCCT	TCATGTGGTC	ATTAATAACCA	AACTCTCTCT	ATCATCAGAG
496651	CCGTGTCACCT	AGAAAGAACA	CTCCGAATGC	AGTGAGCGTT	TGCTGAGCCC
496701	CGGGTGTAGA	ACCTATAAAG	CATCCTGAAC	GCCCCGCGAG	CGCTCGTGAA
496751	ATAAGTCACA	ATCGAAGCTC	GGTGAAATAA	GTCAACAATC	CCACCACAC
496801	CACCACACAC	ACACACAGCA	GTGTCATCCA	GTCAGTCAAA	GGGATGGTTC
496851	TCACACTAAT	GATCTTAGAT	ATTTCTCAGA	ATATAACATT	AATCTTTAAA
496901	AGCAGGATAC	AAAATTCATC	ATAAGGCACA	TTCTCTGTTT	CATGTGGGAA
496951	AAAAAAAATA	TATATATGCA	AAGAAAAAGA	GAAGCAAAAT	CAGCAAGCCG
497001	TCCCTGGCAG	TGGCACTACT	GGGGACTTCT	GTGGTCTCTT	TTCATGCTCT
497051	CCTGATTCCCT	CCCCCACCA	AAATGCGTTA	ACTAATTGAA	ATAATTGGTG
497101	ATTGAAATAA	TTTAATTTAT	TTGAACTATA	GTCAGGCAT	TAATACATGT
497151	CAGTATCATT	TGCAATTCAG	TGACACACAG	AATATTAATA	CAGTTTCCCT
497201	CCTAAAGAAA	AGTATTGAAT	TGGCTGCTTT	GGTTTTAGTG	TGGGGTTGTA



497251	GCTCTGTGTC	TGAGACAGGG	TTTCACGAAT	GTTAGAGAAT	GTTAGACCTT
497301	GAACCTGTGTA	CAGAGCCAAA	GACCACCTTC	ATTTCCTGAG	CATTGCTGGT
497351	GTGAGCCCCC	TGTCCCGCTC	AGGGAACACT	TTGGGAATTG	TAGTGGGTTA
497401	GCTTGATGCT	GCTTGATTA	TAATGCTAAT	ATTGGTCCCC	CAATACTGGT
497451	TGCCCCAGAG	AGGAGAGAGT	CTGCTCATAG	GGTCACTAAG	TGACCCCTCC
497501	CCGATTTGGTA	AATAAAAGAT	GTCAACAGCC	AATAGCTAAG	CAGAAGGGAC
497551	ATAGGTGGGG	TTCAGGTTTC	ATGGACTTGA	GGTCAGAGGA	GAACCACAGA
497601	GAAGGAGAGA	AGATACAGGA	GGAAGAAGGA	GAAGCCACCA	TGGGTTAGGT
497651	GAGCCATAAA	AATGTAGCCC	TGAGATTTTA	ATAGCATGTA	GGCAGGTATC
497701	CAACCAGCTC	TCGTGCTTTT	TAAGGCTTAT	TGTAATAATAT	AAGGCCACGT
497751	GTGCTTTTTT	TTTTTTTTTT	CAGAACTAA	AGGGTCAAG	CAGGGGTAGC
497801	AACCTTGGGT	TGGGATTAAT	AAATTCACAA	ACAGGTAAAT	TGTTTTCTTT
497851	TAAGATAAGT	TGCTTTTTTA	AAACAAGGG	TAGGGGCTTG	GATAGATGGT
497901	CAGCAGTTAA	GAACCTCAGC	TTGTCTTGCC	AATACCTGAG	TACAGTTCCT
497951	GTTACCACAC	AAGCTCCAAG	AGTGTCTGAT	GCTTTGCCCC	TTGGTAGGTT
498001	TCTACATTA	CATGCACGTG	CCCCACCCCT	AACACCCCCC	CCCCACACAC
498051	ACACACACAT	TTAAGACCAG	TTATTGAAAC	TCCTGGAATA	TAATTCACAA
498101	TATGCTCTCT	TCTGCTGACA	CTGGAAGGGC	AAATGCCATC	AAACAGCATC
498151	TTGACAGTCC	CTGCTAAGGA	TGCCAAAGAC	ACATGAGTGT	CCATTTGTCC
498201	CTTCTCACCA	AGGCAAGAAC	AAGGCCCCCT	CTGTTCAGCT	CTTTCAACCC
498251	CAGCCTTCCT	CTCCATGGAG	CTGAGAGTTC	TGTGCTGCTT	CGCTTGGCC
498301	TTGCGTTACA	GATTTTCTCT	CCACTCCCTT	GCCCTGCTCC	TTGACTCAT
498351	CCCCCACTGG	AGGTACATTT	CTGAGAGATT	TCCCCCTAGG	AATGAACCTT
498401	CCAGGATTCA	GGGTAGAAGC	CCATGCCCTGA	AGCCCCAGCT	TGACTGGCTG
498451	GATCTTAAC	GTACCCCTGTG	CAGGCAGGGG	CTTTGTGATTA	TACTACAGAC
498501	AAAGCCAGTG	GGGAAACAGC	AGGAGCCCAA	GGACTCCCGG	GAGCTTAAGAG
498551	TGATTTGTTT	TATGCAAAAT	GTTTTTCATA	GTAGGGAGAT	AACAGGCAAA
498601	TGAAATATAA	GAGCCTGGCA	GAGATTTTTT	TCCTPAAACCA	AGTCTGGGGG
498651	CTGGGGACTC	TCTGATAGAC	CCTCAGCGTG	TCTGTTTTTA	AAAGAATCTT
498701	TTAGATTTAT	TTATTTGTGTG	TGTTTGTGTG	TGTTTGTGCT	TGATGATCAT
498751	ATGTGTCATT	TGTGCGTGTG	CGCGTGACAG	TGTGTGTGTG	TGTGTGTGTG
498801	TGTGTGTGTG	TGTGTGTGTG	CCTGCGAGTG	CAGTACCTGC	AGAAGTTGGA
498851	AGAGAGCATC	CCATGACCTG	GAACCTGGAG	GACAGATAGT	TAGTTGTGAG
498901	CCATCAGGTG	GGTGCTGGGG	ACCAAAATTC	GGTCCTCTGC	AAGAGCCAC
498951	ACTCTTAGCT	GTGGAGCCAC	CTCTCCAGCC	CTAAGCTCAG	CTTGCTTTTA
499001	ACAGGGAAAC	GCTGAACGCC	CCATAACCCC	AATCAAGCAG	AACCAAATTT
499051	GTCTCTAGTG	TGGCTCCTCT	TCCAAGCCTA	GCCTCATCAG	CGACTCTTTC
499101	TGCTCCGCCA	CGGTTCAACT	TAGCCTTGAC	TGGAGGGTTT	CTTTGAGAAT
499151	ATAGTAGTAC	TTTCTGCCAC	GGAAACCTGT	TTTAACCAAA	GCATGAGCTT
499201	AAGTGACAGA	CAGGAGGAGC	AATATTAAAT	CCAATCAGTT	AATATTGAGT
499251	TGTCAACTTT	CATATGCTAG	GGGGAAACTG	TCTAGAACAT	CAAAACTATA
499301	GGTTTTTTAT	TATTTGGCTAC	GGCGGCCCAA	GCTGTAAAAC	GGGAGTTAAT
499351	GGAGAGCCAG	CAAGAGAAAA	CGCACTAAGT	AAGTCATGAT	ATGCAATGCT
499401	TGTAAATGTG	ATAAAAAATC	CCGTGAAGTG	CGCGATACAT	ATATGATGTT
499451	TGGAATAAC	AAGAAGCAAT	TCTGCAACAA	GCTCCAACCTG	GCTCCTGGGG
499501	AAGGGCCAGA	GAATAATAGC	TGGCTCATGT	AGGGATCTCA	GGCATGGGATG
499551	TGTGTGTGTA	ATTTCTGGATC	ATCAATCAAT	CTTTGCACAT	CTGAATCCCTG
499601	AGCCCTCCTG	GAGTCTCAGA	TCTAAGTTTA	AAGACATGCT	ACTTGTGCTC
499651	TGGCAGGGAA	AGGGACTTTG	TTATAACCAT	CGGGAAAAAT	TACACACACA
499701	CAACACACAC	CACCTCGAAAA	CACATAAAGA	GTTCCACTATA	AGAAATAAAA
499751	CTGGGAGCTG	GAGAGATGGC	TCAGAGTTTA	AGAGCACTGA	CTGTTCTTCC
499801	AGAGGTCCTG	AGTTCAAATTC	CCAGCAACCA	CACAGTGGCT	CACAACCATC
499851	TGCAATGGGA	TCTGATGCC	TCTTCCGGTG	TGTCTGAAGA	CAGCTACAGT
499901	GTAATCATAT	AAGTAAATA	AATAAGTCTT	TTAAAAAATA	TAGTAAAAAC
499951	TGTTCCCTGT	GGCATTTGTT	GCAGAAATGA	GAGGGTGAAG	AAAGGCACAGA
500001	GATACATGCT	CAGAAGAATC	GGGGCCGGGC	GGGCTGGCCT	CATTCTGCTG
500051	GATGAAGTCG	CACCAACAA	ACAAATAATA	CCGCAATCTT	GACAGCATGT
500101	ATTATGTACA	GTGCCGGGAA	AGGAGTTAGC	TGGGCAATGG	AGGAACGTCT
500151	TATGGGCAGC	CATCTCAGGC	TGTGAGCATC	CAGGAGGAGC	AAGCTGCAGC
500201	TGCTCTGATT	GTGGCATCC	TGGTCAATCC	TTTGTGAACA	CCAATGCTTG
500251	CACATAGGAC	AGAGGAAGGC	TTTGTCTATC	TTTGGAAACCT	CACCCAGGGA
500301	AGGCATTGCC	ACTCCTGTGG	GCTGTAGGCA	GTTGAGGTCCT	TGCTGTGGCA

500351	TTGCCTATGT	AGAACAATAC	TCGAGGGTCC	CTCCACTACT	CACAGTCGCC
500401	CCCTTGCTGGT	TGCTGTAAC	TTTCCCTATCT	GACAAAAACAA	CCCAAGTTCA
500451	TCCCATTAGGT	GCCGATGCCT	TGTAGCCCTT	TGGCAGGCAG	GAACCTATTG
500501	GAAACCACTA	AATATGTTAG	CTTGACTAAA	ATGTGGGTAG	GGATAAAGAG
500551	GCCTCTTTCC	CCTGTGCAGT	ACATTATCAT	GCATAGACCA	CAGTCAAGTA
500601	TTTGGGGAGC	AAATGTTTTG	GGTTCAAATC	GACCCCTTCA	CGTTACTTGT
500651	GTGATCTTAG	GCAAGCCATT	AACCTTCTCTG	TGTTTGAAGT	GCCTCCCTCTG
500701	TAGGATGGAG	ATAGGGCTGT	TTTGCTGCATA	AGATAGATT	TCATATAAAT
500751	TAAATGGAGTA	TCTATACACA	AACCACTTAC	AACAGAGCTG	GCACACAGTG
500801	AAGGTTGTAA	AAATGTGACC	TGTTGTATGA	GCAACAATAG	TCCTCCCTCT
500851	TATGAAGTAA	GATAAAAATC	TTTTCCCCCTA	GACATCATTA	ACTCAGGCCAT
500901	ATGCCCTTTTG	CAAAAACCAT	GAATTGCAGT	CTTTCGCCCT	ATCCTTCCAT
500951	AGGAGTCCCC	GAGCTCCATC	CACATTTTAG	CTGTGGGTCT	CTGCATCCGT
501001	CTGGATTAACT	TGCTGGGTGG	AGCCTCTCAG	AGGACAGCCA	TGCAAGACAG
501051	GAGTCTTCAA	GCATAACAGA	GTATCATTTAA	TAGTGTTCAGA	GATTTGGTGCT
501101	TGCCCATGCA	ATGGGTCTCA	AGGGGGATTG	CCCAGGGTGA	GAAGTTCCTCA
501151	CCCTCTCAGA	GGAGAATGGG	ATCTGATGCC	CTCTTCCCGT	GTGTCTGAAG
501201	ACAGCTACAG	TGTACTCATA	TAAGTAAAAAT	AAATAAGTCT	TTTAAAAAAA
501251	TAGTAAAAAC	TGTTCTTGT	GGCATTTATGT	GCAGAAATGA	GAGGGTGAAG
501301	AAAGGACAGA	GACACATGCT	CAGAAGAAGT	GGGGCCAGGC	AGACTGGGCT
501351	CATTCTGCTG	GATGAGAAGG	ATTATGGGAG	GGAGTAACAT	GGAGGGGGGC
501401	AGGGAGCAGG	ATGCAAAAGT	AAAAGAAAAA	AGTATATACT	ACTCATGTGT
501451	GAAACCTAAA	AATAAAATAA	TGTTAAAAAA	AAAAAAGATA	AATAAGTGCC
501501	AGCCATTGCA	TGAAGCCCTG	GAAATAAGAA	AACCTCTTTC	TCCTTAAGTT
501551	CCCTACTGAG	TAGGGTTGGG	GGCTGGGCAT	AAGAGGTTGT	CGCTCAGCAA
501601	GTCTTGCCAA	AAGAGAAAGT	TTTTCTGTCC	TGGTTGATTT	GAATTTTGAG
501651	GAAACACTAA	GCAAAACCCA	TATGACAGTT	ATTGAAGTTA	AATGAAGCAA
501701	AACTTGTGTG	ACAATGTCTG	AAACAAATGG	GAGCCTTGCA	GAGAACCAAT
501751	AATTAGAATC	CTGTACAGAC	CAGTACATAA	ACTTCGGCTC	CCAAACGGTC
501801	GGGGGGGGGG	GCAGTTGAGG	CTTGGAAGT	CTACCCCTGC	CGTGGAGCAG
501851	AGTCTTGGCT	GAAGTCCAGA	AGAATGGAAT	CCTGGTAGAT	GCTTCCAGAA
501901	GAGAAACGAC	CAAGGACATG	TGAGTTACAC	TCCGATACAC	ATCATGTTTG
501951	AGGAAGCACG	GGCTGTGGAT	AGAAACTGGA	AAAATCCCAT	CAGGTTFCAG
502001	GCCATTGGAA	TCCGGCTACT	TCTCTTTGTG	AAAACCTAAG	TCACTTGATG
502051	TCAGCTTACC	TAAGTTGTCC	TAACCTCATGG	TATATTTCTG	TAACCTCCCT
502101	TGGGTCGTGT	AGCAAAACCA	GGGCAACATG	GTGTACCTGC	TAAGTGGCCA
502151	CTATCAGAAG	GCACACATCC	AAGGGCAGTC	ACTTAGCTCT	CGTCAGGGAG
502201	AATTAACCTC	TGAGGTGGCT	ACACTTCCCT	CCACAGAGGA	TATGTCATC
502251	AACAGACAGC	GCTTCTTTTT	ATTGTGTAAT	GAGTACCAAC	GTTTGTTTTT
502301	ATTGCTGAAA	TTAATGCCTT	GTCAATTAGC	AAGCTACATG	TTAGAAAAAT
502351	ACTCATTTAA	GATAAGTCAA	GATGTGTGGT	TGGCTCAAAA	TGCTGAGAGA
502401	TAGATAACGC	CTCCTCCCCA	ACACACACTT	TTGGAACCAC	AGGGAATAAG
502451	AATGAGGTTA	GGCCTCTGAG	GTGGTGCCCA	GGTGTTAATG	ACTCCTCCAT
502501	TTGCCTTGAG	AAATGTTTTTC	TTGTGTGCTG	CCCATPCAGG	TCCAGGGTCT
502551	AACTTCACAG	AGTTTPTTCTG	TAAGTAGTCT	TTTGTCTCTGT	GTTATTACGC
502601	ATAGAAAAGG	CCAGAGATAC	AGAGCTTTAC	CAGTCTGCA	GGCCCTTAT
502651	ATGCTCCTGT	GGCTCATTTAA	TTGCTACCTA	CAACTACAAG	TGAGGGAGAA
502701	GGCAGCTTGT	TGCTGTCTTT	CAATTCCACT	AGGCCCTACA	GCTCTGAGGA
502751	TGTTCTAGTA	CCTCAAGCTG	TCTCTTGGCT	GTGCTACTCT	TCCAAAAGAA
502801	AATGCAGTGT	GTGACTGACC	TAGACTAGTT	GGATTCTCAA	GCTAGAACTT
502851	CATGGAATCC	AGTCTTAGCT	TGCTCTGGTG	TGTGTGTGTG	TGTGTGTGTG
502901	GCTCATGTTT	GAGGGGTGTG	GACTTATGCA	CAGCACATCA	ATAGATTCCA
502951	AAAGATAGCC	TACAGATATTA	TTTCTCGATG	TCTTCCATCT	TCCTTTGAGA
503001	CAGGGTCTCT	CATTGGCCCT	GAACCTGACC	ACGTATACCA	GGTTACAGTA
503051	CCTGTGTGCA	TCCAGAGATC	TTCCCTGTCT	TACCTCTCCT	TTCTCTGTAC
503101	TAGGATACAC	GGTGTCTGTC	AAAGAGGTTG	TTCTCGTTTT	CAGGTTATGG
503151	TGATCCAAGC	TCAGATCTCC	ATATTATCAT	GCAAGTATTG	TACAAACTCA
503201	GGGATGTTCC	TGGCCCCAGT	TCTTGACTTT	TGTGTATGCG	TACATGTCCC
503251	AAATAAGCTT	GCCCTTCTTT	AAGTTGTTTT	GCCTTGTGCC	TTGTTACAAT
503301	AGCAAAAAAG	GTACCCCATC	TGAGGGAAGA	AAATGGTTGT	ACTTAGGCAT
503351	CCCCCTCCC	AACCCCCCCC	CCTCCCGCAG	GAGTGGCTAG	GTGTAGTGAC
503401	AACTTTGGAA	TCTTGGTTTT	TTTTAAAAAA	CATGGAATAA	TTATAACAAT

ATGTTCTCGT	TTTAATCCCG	GGTGAGGATA	AGAGGCTGCT	TCACAGCAGC
TGACTGTGAT	TTGCCCTCATG	CTCTAGCAGG	GGTGTGATCT	TGCCAGAGGC
AGATAGTTTC	TACAATTGTT	TAATGTTTGG	AATTCTGGGC	CCACGAGAG
TTGTCAGGGG	CGGGGGGGGG	GGGGTAGTAT	TTGCTGGTTG	CTGTTGGTTG
TGGTAGGTTG	CTGTTTAA	GTAGTGATGC	ACAAAGAGAA	AGCAACAGA
AGAAATTAGA	TATCCCAATG	GTAAGATCA	AACCTACCCA	CAAGGAATCT
GACGCCTATA	ATCAGCAGGA	AGCAGTCTAC	CAATAAGTTT	ACCCCTCTTT
GACCTCTGAC	TTTATTTGGG	AATCTCTTTC	CTTTCTCTTA	TTATTTTCA
CTCTTATCTA	GGGTTAGGGG	GCTGAAGGGT	GGAGGAGGAT	GGAAGAAAGA
AGAAACCCACA	AAGTCGCAAA	AGGCAGCTTC	AGACGGGAGC	TTGACACACT
GGCAATAAAG	CACCAATGA	CGCACGGGAC	ACTGATTTGG	GTCCTCAATTT
GGAAAAACCA	CGATTCTTGG	TTAGAAACTG	AGAACACACG	AAGAGAGGAA
CCATAGTCAT	CCCTGATGGA	CTGACCCCTG	GCTTAACTGT	GCCAGCAACA
GAACAGTGTG	GATATAGCAA	GAATCATGTT	ACTCTTTAGT	GTTGTAGAAG
CCAGAATGGG	TTAAAGGCGT	TGCAGGTTGT	CTGCTTCTCA	GGGCTCTGAT
GGCCTGTCTG	CACACATCTT	ATATTCTAAC	TGCATTATAG	CTCTTACATC
CGGAGTCTTA	TAAATTTGCT	TCTTGTCTCT	TTCTTAATT	CCAGGGTCTC
TCTTAGTGAC	GTAAGCTGGC	CTGGAATCCC	TGGAACCCAC	AGCAATCGGG
CTTCTGTCTT	GGAAAGTAGT	GGATTGACAG	CTTGCTGCAC	CACCATGCGT
GGCTACACAT	CTCCCCTCTGA	TAGGAACTTT	ATCCCTTTGGC	CAGCTTCCAAA
GGGCAGCTTC	TCTTTTCTTC	TTTTTTCTCT	TCTTCTTCTT	CTTCTTCTTC
TTCTTCTTCT	TCTTCTTCTT	CTTCTTCTTC	TTCTTCTTCT	TCTTCTTCTT
CTTCTTCTTC	TTCTTCTTCT	TCTTCTTCTC	CTCTCTCTCC	TCTTCTCTCT
CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTTCTCTCTC	TCTTCTCTCC
CTCTCTCTCT	TCTCTCTCTC	CTCTCTCTCT	CTTCTCTCTC	CTCTCTCTAC
CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	TCTCTCTCTC	CTCTCTCTCT
TCTCTCTCTC	TCTCTCTCTC	CTCTCTCTCT	CTCTCTCTCT	TTATTTATTA
TCAATCATAT	ATATGCATGT	GTGTTTATGG	AAGAATATGT	GCAATTTGTG
GCACGTTTCT	GGGAGGCGAG	GAAAGGGTGT	TGGATGCCTT	AGAAGTGGAG
TCACAGATAT	GTTGAACTGA	GTAAGTGGAC	CTGAACTTGG	TCTTCTCTGAT
AGAGTAGCAT	GTGCTTTGTG	CCACTAAATC	ATCTCTCCAG	TCTCTAGAGC
AGTGGTTTTC	AACCTGTGGG	TCATGACTCC	TTTGGAGCCA	TCACATACCA
GATGTTTACA	TTATGCTTAA	TAACAGGAGC	AAAATTAACG	TTATGAAGTA
GCAATGAAAT	AACTTTATGC	CTGTGGTTCAC	CACAACATGA	GGAAGTGGAT
TAAAGGGTCG	CAGCATTTGGG	AAGATGGGAA	CCATTGCTGT	AGAGAAAGGT
GTCTCTATGT	CTATATGTCT	ATCTCATACA	TAGACAGTAC	GGGAGGACTG
TTCTATGGTC	TTTATGAATC	AAAGAAGCCA	ACCTTCTTCA	TTTACATTTT
AGTTAAATTA	ATTTGCATAT	TCTTTTGTCT	AGTTGTCTGA	TTGAGCACAA
GTACAGTTAA	TGGCTCTCAA	TCGTGTCCCT	CTGAATTAGT	GGCAGATGTA
TATTTCCCAAG	CCAGAAGCAG	GGATGAAGAT	ACACTCTCTG	AATCTCAGCA
CATGGGAGGC	AGAGGCAGGA	GGATCAAGAG	GTAAGGCTTA	ACCTGGACTG
CAGAGGAGAC	ACTGTTTCTG	AAAAATAAAG	CCACTGTATC	ATTCATGGTT
GCATACGGTA	CCACACTGGC	TAATGTCTAG	GCTGGTCCCA	TTTCTTGGGT
ATTGTGAACA	GTACAGCAAA	CACGAATGCG	GCAGTTTCTC	TGTGGTATGT
TGACTTTAGAG	TTCTTTGGGA	AGACTCTCAA	GTAGATATATA	AAGAGATTGT
GGTAGATATC	CACAATGGAG	CTTCATACAG	CTGTAAAGAA	AAATGAAGTC
ATTGCGTTTG	CAAGAAAATG	AATGGAACCTG	ACGATCATTA	TGGTAAGCAA
AGCAATCCAG	ACTTAGAAAA	ACAAATATCA	TGTGTTTCTT	TTTATATGTG
AAACCTAGAC	TTAAAAATTGT	GTGTGTGTGT	GTGTGCGCGC	GCGCGCAGTG
TGACAAAAC	AGAAATATGA	AAAGGAGGAA	AGAGATCTTA	AGGAAGGGGA
GGAAGAGGAA	TGGGACGTGT	ATGTGGAAGC	AGAAGCTAAC	TCTTTGACGG
AAGGAAAGGA	AGGAAGTGGG	CAAGGGGCGT	AGGGGAAAGA	TGGAGGCGGG
AGGGAATGAA	TGAGAAGGAA	GTGTATGCCA	ACCGTGTATG	AAAACGTCTC
AGCGAAACCA	GTTATTTACT	ATATTTGACCT	AAAACATTCA	TTTAAAAAAA
CGATTACAAA	ACCAAGCAAA	CAACAAAAC	CCACATACAT	TGCACACCGC
ATCTCTCTAG	AAGCGCTGTT	GGGAGTGCGC	GTGCGCAGTT	TTCAAAGGCTT
TCCCAAGATGA	TTTTCAGGGCT	GAGAGCTGAG	ACCGGGGTAT	GATGGGGCTGG
AGCCCCACT	ACTTTCTCGT	CCCTGGCTTT	TCTTACACAT	TGGTCTTTCCA
GTAACAGCTA	GAGAGGGCGT	GCCCTACTTT	AGTGAGTTTA	GGTTCAAGAG
CTTGTGTGAA	CGGGTTTTGA	AACCTAACCT	ATATAGTTTC	AGAGGAGGAT
CTGTGTAGCA	CGAGTCAGGC	CCCACCTGCG	AAGGGGCTTC	GTTGTGACATT
TCCACACGGG	TGCACATGGT	CTGCTCGCTG	CAATCCCTCC	ATGCTAAAAA

506551	TGGGAAGAGA	GTAGGTGGAG	CTCAAAATAC	TTTAAGTGCA	GAGGTGTGGG
506601	CAGCTTCCAT	GTAGCTAGGT	AATTCCTGGAC	AAATGAAAGC	TTGTCTCCGT
506651	GCAGCTACAT	TTATTTCCAA	AGAGCTGGTG	ATATCTCCCC	CAGGAATACA
506701	TTCAATTTCAC	TCTCAGTTT	ATCTGTCTTTG	AGATCTTTAG	ACCAATGGAT
506751	TAGGGAACCC	CCAGGCGAGGA	AGCAAGAGGC	AGAAGAACGG	GAGCTATTTA
506801	TCCTTGCCCT	AGAGTTAACG	CTGGGAGAAA	CTGAAAGCCT	TTTGAATATG
506851	GGAGATAAAA	TGCAAGAAAA	ATACTACCTT	GGTCTCAACA	TCAAACAACA
506901	AACACATACA	TGCACGCATG	TGCACAGACA	CATACTCACC	CCAGTAAAGT
506951	GCCTAGGTTT	TGGCTACTAT	AGAACCCCTCA	CTATACATAA	ATCAACAGATA
507001	TACATAAATA	TTCCAAGATG	TTGATAAAGT	CTTCTTTAGA	ATACAAGGGT
507051	TTTATATCAG	ATCTGTTTGT	TTCTGTGCAG	TACAACCTAT	TCACTCTGGA
507101	CATCACAAAT	TGGCTACAGC	AGAAAAATGC	ATTAAGAATT	ATGATTTTTTA
507151	TCAATACACA	TGTGTTATAA	TTTATATTTAT	ATTATAAATA	TATTTAAAATA
507201	ATTATACATT	TGAAAAATAT	AAATATATTA	GAATTAATAT	ATAAATGTAT
507251	ACATATATAT	GCATAAAGAC	ATAGGAATAA	GCTAAGCTTT	TGCAGCTCTG
507301	ATTAAGCTAT	TTTGAACCTC	TTAAAACTC	AACAACACCA	TACTCTGAGT
507351	TAAGACAAGG	GTTTTCAAAC	TGTAACCTCTG	TCTTAGGGTT	TTACTGCTGT
507401	GAACAGACAC	CATGACCAAG	GCAAGTCTTA	TAAAGGACAT	CTAATTGGGG
507451	CTGGCTTACA	GGTTCCAGAA	TTCAAGTCCAT	TATCATCAAG	GACGAACAT
507501	GGCAGCATCC	ATGCAGGCAT	GGTGCAGGAG	GAGCTGAGAG	TTCTACATCT
507551	TCATTTGGAG	GCAGCTGGTA	GAAGATTGAC	TTCCAGGCAG	TAGCGTGAG
507601	GGTCTTATGC	CCACACCCAC	AGTAACACAC	TTCAATCAAC	AAGGCCACAC
507651	TTTCTAATGG	TGCCACTCCC	TGGGCCAAGC	ATATACAACC	CATCACAAAC
507701	TCTTACCAGT	ACTGCCATCT	GAAGTAGGTG	TAGGAATCTA	ATCCCCAGAC
507751	TAGAGAGCTG	GAGCAGACTG	GGCAAGGATG	AAGAGTGAT	TTGAAGCAAG
507801	CATTTTCAGC	ACCACCAAGA	ACACTGCCCT	AGAGTGCCAC	ACTCTGAGT
507851	GTTAGTCAGA	AACATCCACA	TGCCCTTGAC	TGAACCAACC	ATGGGGGGTC
507901	ATCACCTCTT	CCCTAAGCTT	GGCTGGGATG	CCTCTGGGCA	GAAGGCCACG
507951	TGTGAAAGGA	ACTCCAGAGC	TCATGTCTGT	TTTCTGGGCA	AGTTACAGGT
508001	GTGGGTGCCA	TTGAAGTTCA	TTACAGGGTG	GGATTTCTGA	CAGGGCTACC
508051	CCGGTACCAT	TGTGTGAGTG	GAGCACTACA	CCAGGTCATC	CTGCTGAAAG
508101	AGCCATCATT	TAATGTAAT	AGAGTCAGCT	TGCGTGTTTA	TTATGACAGT
508151	TTTCTCCAGA	TGGCTGCAAT	GTATCATATT	CTGAATCCGT	CCGTGATAAT
508201	GAATTTCCCAA	CAGATGTATG	CGTGGTGAGA	GGGTGGGGGT	CTCAGTGGG
508251	GGGAGGGGCA	TCTTGGGCTG	GCTGTAGCTG	ATTCGTGGTT	TGGTCCACTG
508301	ATTTTTTTTT	TCCGTTTCTA	TGAGGAAGTG	CGTAGTGGTA	AATTAATTA
508351	ATAAATCCGG	GCAGCGGCAC	ATTCTTCGCT	ACCCACTGCA	GTGTTCTGGG
508401	TTCTCTGAATG	AAAGATACAC	ACACACACAC	ACACACACAC	ACACACACAC
508451	ACACACACAC	CCTTTATATT	TTAATATGCC	TTATGTAGCC	CAATAGCTGG
508501	GCCACTTCCT	AACCTCCATG	TGGCTAATCC	ACTTCCCTCT	GATAACCCCC
508551	AGTTTTCATT	TATTTTATTC	TGTATTCTAC	TTGGATCTGC	TTGGAGCCAG
508601	TTGGGCGGCC	CTCTGGGGCC	ACACTCTCCT	GGCTCTTAAA	TGTTGGCCAT
508651	GCCTCTCTGT	CCTGCATCTT	CTCAGATGTA	GTATCTCTCT	TCCCAGCGTG
508701	GCAGACTCTCT	TTGCTTTTCT	TTTGTCCCTA	GCTGGGGGAA	TCCTCTGGCC
508751	TGCCCAAGCA	TTGGCTATTG	ACATCTTTAT	TTACCAATCA	GAACCAACTG
508801	GGAACCAAGC	CCCTGAATAT	CCTATTCCCTA	GACACTGGAT	TGAACAGTTT
508851	TAAGAGGTCT	AAATTTACAT	AAGCATACAA	GCAGCTACAA	AGTTTCTCTG
508901	TGGGGAAAAG	GCTTCCCGAC	TTGAGTTAAG	TTTCAACAAG	CAGGTTACCT
508951	ACCTTTCTPAT	AAATGAGTAA	GACGTGAGGC	CTTGGCCGGG	TTTGGGGAGT
509001	TTTAAAGTACA	GCATAAAAGT	TTATATGAAA	GGGTTCAGGA	AAGCAACCCA
509051	TCATPGTTTAP	CTTTTATACA	ACTCGATGAC	ACGTGTTAGA	ACCATCTGAG
509101	AAGAGGGACT	CCAGAAAGTA	CCTCCTTATG	TTTGGCCTGT	TCACAAGCCT
509151	TGGGGGGCAG	GGGAGGCGTT	TCCTTGATTA	ATGACTGATG	TGGGAGGGCC
509201	AAGCTTCAGT	TGGGCGGTGC	CACCTTGGG	TTCTGGGGTG	TACTAGAAAA
509251	CAAACTGAGT	GAGCCAATAA	GCTCTCCTCC	ATGGCCTGTG	TTTTAGAGCT
509301	TATCTPCCAGG	TGCCACCTTT	GAGTTCTTAG	CTGACTTCGC	CTCATGATGG
509351	CATGTGACCT	AAGAGTTACA	CAGTGCACAG	AGCCCTTTCC	TCCTTACGGA
509401	GGTCATGGTG	TTTTATPCAA	GCAATAGGAG	TTCCGACTAA	GACACCACCT
509451	GAGCACCACT	CTTCCATTCC	TCCACTGTGT	GGCAATGCTC	GATCAGCTCA
509501	TGATCCCATG	ACACCGCTCA	GCTTGCAGAG	GGGGTTGACT	CTGTGCACCA
509551	GCTTCTCTCT	AATGTGCTCG	AACTGGACTT	CCGAGGAAGT	CTGACCTTCT
509601	GTTTTTTTTT	TTTTTCTTTT	CTACCACCTA	TGACCAATTT	AACAAATAAT

509651	ACAGGCCATC	TCTCTGTATC	ATCACCTTGG	CTGCTCTAAAC	CCTACTTTGGG
509701	GATCTTTGAC	TACTGTTCAT	CACCCCCAAA	ATGTTGAGAT	TTAAGCATAT
509751	TTTCTTATAT	TCCTCTAAAA	GACACAAAAA	GAACATTTTT	TTTTAGAGAA
509801	AAGGTAGTGG	GTTCTGAAAT	TTCTCTCTTC	CTCCCTCTTG	CCCCCCCCC
509851	CCCCAGCCT	CACGTACCCC	CTGGCAGCTG	TCAGGGGTGAC	TTTCTCCCCG
509901	ATCTTTAGCT	CTCTTTGCAA	GCTTTGGGGAG	AAAGAGGAAG	TATAGGAGCG
509951	GGTGGGAGTG	GTTGGCGCTGC	TCAAAGATCT	TCTFGAGGTA	AGCCACCTAG
510001	ACCTTACAAT	TCTGAAAGA	ACCAGGAGAT	CACACGCC	AAAGGCTCTG
510051	TTGGGAGCCA	CACGCTTTGC	CCGGTGCTGA	CGGCTTCTTA	AAGACATACG
510101	TCACAGAAC	AGAAATGATC	ATGTTTGACT	AAGGTGACTG	TAACAGGAGT
510151	CTGATATGTT	CCTTTACTCC	GTCTGTGTGC	AACACGPTGT	GATTCCTTTA
510201	CTGAGCACGC	ACTATGATCC	AGCCCTTTTG	GCCAGGCTTT	GTGGCTGATC
510251	GGTGAGCAA	TCGCTCGCTC	CCCTTCTGGG	GTGACTGAAA	CATGAGTAGA
510301	GACCTCTAGT	AGTTAGCCTG	GCAAGTTCTT	TGAGCAACTC	CGCACACTAT
510351	GGAGTGCTCT	GTGGGTAAAG	ACTGTACACG	GGAGAGGTCC	GAGTGAGAA
510401	GAAAGGCTGC	TTGAGATCCT	GAGCCGGAAC	AGGCAAGTCT	ACGCGAGATG
510451	TTTCAGTTGA	TCGCAGCAGG	AGAGGGACTA	GAACACTGAA	CTGAAAAATC
510501	GAGCTTAAGT	GCTTACTGT	TTCTGTCTTC	CCAGCTCC	TGGTGTCTCT
510551	TCATCTCCTT	TGCTGTTTCT	ACTGGCAAAT	GAGAAGCACT	GAGTGCCATG
510601	CCGCACACAG	GTAATGGCTC	ACACTTCTGT	AGTGCCCGGG	GCTTGCCTGA
510651	GTGTGTGTTT	ATCTGCGCTA	ATTCTCTGAA	TCTTCTCAAA	TTCCCCAGGA
510701	AAGGGCAAGC	AAGGTTTGGG	TCTCCGTGGA	ACAGATGAAG	ATACTATACA
510751	AAACACAAAG	CAATCTGAAG	CTCAGAATG	GTGACTGAT	GATGAGTAGT
510801	ATCCTGGTCC	TACTTAGTGT	CTCAGTTAGG	GTTTTCATTT	CTGTGAAGAG
510851	ACACCATGAC	CAAGGCCAAT	CTTGTTAGGG	ACAACATTTA	ATTGGGGCTG
510901	GCTAAGCAGTT	TTCAGAAGAT	CCGTCCGCTA	TCATCATGTT	GAGCAAGCATG
510951	CGAGCAGGTC	AGCAGACACG	GTGCTGGAGA	AGGAGCTGGG	AAGTCTACAT
511001	CTTGATCCGA	AGGCAACCAG	AAGAGGAGAC	TCCCTCTACC	GGAAGCCAGC
511051	AGCCTGAGCA	TAGGGCCTCA	AAGCCCACTT	AGCAAGTGT	TGTTGAGAAG
511101	CCACTAAGTG	CTCGACCTGA	CTGTTGAGCC	AAGACACAAG	CTTCACACAT
511151	TCAAAGTCAA	ATGAAAAGTT	CAGTAGACCA	GTGCTTGGG	GGGTGGGGTG
511201	GGGGACCACC	GGCCAAACAG	ACAATGACTC	TGAAGGTATG	TTCTTAGATT
511251	TAGTTCACTG	TTTGAAGAAT	GAGCATATT	AGTCATATTT	TCTTATAACT
511301	GTTTCATGTG	TACATGCCAT	TATCCTTTCT	TCTTATCTCT	CCTCCTCCAT
511351	CCCTTTTGCT	CCTCCTTTGC	TGGGCTCATT	TTTTTCTCAA	ATAAAGTCTG
511401	TAGCTGGCCA	ATGGCAGAAT	TTGTTGTCTT	TTTAAATCTA	AATTGTCTGA
511451	GAGAGATGTC	TCCCCCAAAA	GTAACCTTGT	TTCTTCTCAA	TTATCTATGG
511501	TTTTTATGTA	GTTTTTCTAT	TGTCAAAATG	GTTTTTAATC	TTTTGTAAAA
511551	ATTTTTTTTA	AATTATATGT	CTGTGTAGCT	GTGGGCATGT	GAGTGCAGTA
511601	CCAGAAATGG	CCAGAAGAGG	GCACTAGAAC	ACTGGAGCTG	AAGTTCGAGG
511651	CAGCTGTATG	CTGGGAACGT	AACTTGGGTC	CTCTTCAAGA	GCAGTATGGG
511701	TTCTTCTCAA	ATCGTCTCCC	CTGACCCTAG	GTTTTAAATTT	TTTAAATPTA
511751	CAGATAAAAA	ACCTAGTTCG	TGAAAGCATT	CCTAATAATT	AGAAATGATA
511801	CCGTTGAGCA	GAATTCATGC	CTGACAGGCT	TCTCAGTTGA	GAAAGAACTG
511851	GGTTTTCCTC	ACAATAAGAC	ACTGACCTGC	ATTTCTTAGC	AGAGCTGGGG
511901	CTCTTGCCCC	TCCCACTCCC	GCTTTTCTCA	TTCATCTCAG	AGTGGTCCCTA
511951	AAATAAACAG	GGAGAAAGGG	GCCTGCCCCG	CACCTCCCCA	AGCGACCGGC
512001	CTCGTCAGTT	ATGATTACAG	CTCTGTATTT	GTTTTCATAA	AAGATGAAAA
512051	ATCACAGGAG	TTTCTTATTT	GAATTTTAA	AGGACAGCAT	TTTCCCCATC
512101	GCCTGAGAGT	GATTTTGTCG	GGTAAGCAGG	CAGCCTCTCC	AGGCAAGTTT
512151	TGATTTCCCT	CTTCTTAAAT	CATTTCTTTT	CTGTGAAGTC	GTGCATGCCC
512201	GCACCCGAGG	AGGCAAGAAC	ACCACAGAG	GATTTGTGAA	AGATCAAAAT
512251	ATTCACTGTT	TGAGCAGCAT	AGTCTACGGT	AAGTCCCGGG	GGTGGACCTT
512301	CTCCCTGCAG	CCCCTGACCC	GGACCTTTTC	TTTTATCTTC	CTGTAGCTGA
512351	ACCTGTCTCC	TCATCCTCAA	TCATGTTTGG	CGAGTGCTTT	ACCACCTGAAC
512401	TGAGCCCCCA	ACCTTTTGTG	GGAGACAAGG	CTTTACCAAG	TTGGCTAAGC
512451	AGGTCTGAAG	CTCTCCAGAT	CATCTACCAT	AGTCTCCTAA	TTGGCTGAGA
512501	TTTCAGGCCT	GAAACAGAAA	ACCCACAAAC	AATTACTTTT	TTTCTTTGAG
512551	ACAGTCTCTC	CACAGATCCC	ATTGCTGGCT	TTGAAGTCAT	CCCCCTGCCT
512601	CAACCCCTCC	AGGGCTGGGA	TTACAGATGT	GCACACCAC	GCCTAGCTCA
512651	ATACTACTAT	TTTGTTTGGT	TGATTATGCT	GGAGTCTCAT	GTAGCCGGGG
512701	CTAACCCCCA	AGTCGAAGGA	TAACCAAGAA	CTCCTTATGT	CCCTGCCTCT

512751	ATCTCTCAAG	TGCTGGAGAG	ACAGCCTGTG	GCACCATGCC	CTGGAGAACA
512801	TGCTTTTAA	GGAGCAGACT	GTAAAGTTGCC	ACATGATTAT	GTGAGTAGTA
512851	GGTAGGGTAC	GACATCCTGA	GCTATTAGTG	GCAGGAGTCA	CAGACTGGCT
512901	CTAGTATTCC	ATATGGACAC	CATGTGGTAG	TGGGACTTTG	GGACAGCAGT
512951	AGTTAGTTTA	GCTCTGTGAA	CTCTGATAGT	TTAAAAAATA	AATAACATCT
513001	CTATCTCTGT	GAACTATGCC	AGCTGGGGTT	GATGTCAACT	TGCCACAGAT
513051	TAGAGTCAAC	AGGGTAGGGA	GACTCACCTA	TAGAAGTGTC	CCGATTAAAC
513101	TGAGAGATGT	AGGGAGAGCC	ACACGATCTT	GGGCCACACC	TTCTGGTAGC
513151	ATCCCCATTA	AGAAGAGCAT	GGCAGGAGGG	CAGCTGTGCT	TTTCGATTCT
513201	GGCCTTCCCT	CTTCTCTGTA	GATCGTCCGC	CCTGTTGCTG	CTTCTGTTGC
513251	TGCTACTGTT	GCCCTTCCCT	TGGCTGCACG	ATCAGCGTTT	TGCTGTGCTG
513301	ATCGTGGACT	AAGAACCAGG	AGCTCCCAAG	GTGCTTGCAG	TCATTTGGTG
513351	CCAGATTGGA	AGTGCTGAAG	GACCCAGCTC	TATGGTTGTT	GGGCCCTGTG
513401	CCCACACCTA	GCAAGTGACA	GCCATTAGGG	GGACTTCCTC	AATGGCTGAG
513451	ACACACAGCC	TCCAGGACCA	AGGAACTACT	AGATCTCAGC	TCTCAGGTGG
513501	GCCTCTGTGT	TTGAATTTCA	AAGCTGACTT	AATAACTTTG	TGTTGTGTTG
513551	TGCTCTGTCT	TCTGTCCATC	TCATAGGTCC	TAATCTCTTA	GAGAACCTTG
513601	ACTAATACAG	TAACCACCAA	CTGAAATTTA	GCATGTCTCT	CAATTAACAA
513651	TGTAGGGGAG	AAATTGGCAC	AGGTGCAAGG	CACAGTAGCA	CCGTGACTTT
513701	GTTACCAGAA	CGAATCTTCT	TCTCAGGTCA	TGTGAGCTGT	GGCAGATTTT
513751	AAGGGGTACT	ACATGCTTGC	TACCTTGGAT	CGGCATTAAG	AATTATCTTG
513801	GCTGCTAGAT	CTCTGTGTAC	TTACTGTTGC	TATAGAAGCA	CAGATGTCCC
513851	CATGCCATGA	TGTGTGTGCT	TTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT
513901	GTGTGTGTGC	ATGCACACGA	CTGTGCTAGG	CTTTCCTACG	AATGGCTACG
513951	TGGACACACG	AGCTCATCTT	TGGATGCCCT	TCTCTTTTGC	CCTTTACCTT
514001	TCCTGTGTGAC	ACTTGAGTTT	CTCATTTGAT	CTTGTGTTTG	CTTGTACCTT
514051	AGACAGATGG	GACACGGAGC	CCTGGGGATT	TTACCAGCCT	GTTAGAGAGG
514101	GGCCCATGCT	CCCCTAATCT	TAAAGACCTT	CTTAGGAGAC	TCAGGATAGT
514151	CCCACCTGCA	AATCAGATCT	TCCATACAGC	AAAAAGACCT	ACAGACCTAC
514201	CCATTTAGTG	CCCCCCTTGT	TGGCTTTAGT	CACCTCTTTT	CCTCTTAACA
514251	AAAAATCTCAA	ATGCAGTCCA	CTTGTGAAAT	CATCATTTGA	CTTTTAAATG
514301	CCCGGTTAAA	ACGGGATCAG	CTTTGAGCTA	TTCAGAGAGT	GACTGTCTCT
514351	GCAACGAATT	AGCAAGGATC	CTTCTTCTCT	GCCTCATCTC	CCAGGCGCAC
514401	TGACAAACAG	CAGGGGAGC	CAGAGGAGAT	GGCAGCTCAG	TCTGATCATT
514451	TTCCCATATC	GCTGAGAAAT	TGGAATAGGG	CGGAGGCTGC	AGTGGTGATT
514501	AAGACTCGGA	ATACCTGTGG	CTTTTAATTA	CCATTCCACG	CGTGTTCACG
514551	TGTCCTCTCT	CCTGACCTCG	CACCTCTGTG	GCTGTAATGA	GGCAATTATC
514601	AGAAGCTATT	CTGTATTGTT	AGTTATCTTT	GCATGCAAA	ATATCTCCCT
514651	GAGCCTTCTC	TTGTACTGCC	TCTAGTACTT	GGCTGACAAG	AGATCCTCCT
514701	TAAGTAGCGG	GGGCGACAGT	AGGTCCTCCC	TAAGTGGGCG	GGGCAACGAT
514751	AGATCTCCTT	TAAGTAGGCG	GGGCTCAGGT	GAATATCCAG	CTACTGTGCG
514801	TATTTAGAGG	GCCTTCACCT	TGCAAGATGC	CCAGGCAAA	ACACTATTTC
514851	TCCTTTCCCA	CTTTCATTTT	GTTTCTGCCA	CATCTATTCT	ACAAGCACTG
514901	TAGAACACTT	ACTATGGGGT	AGGTAGGCAT	CATGCTGACA	TTAGATGAAA
514951	AGAAATAAAT	CACCTTCTTT	GAGGAATTTG	GGGCTGTAGG	AACACACGAC
515001	ACATAAACAC	CACAAAGAAT	ATGACAAAGG	AGAAAGTCC	TCTCCACAAT
515051	GGGTATCATT	TAAAAATTA	AAATTAATAA	AGAGCTTAGG	GGCAGAACCC
515101	GAAGAAATGAG	TAGGATTCTA	TCATGGGAAG	AGAAAAGTGG	GCACTTTCCA
515151	GACCAGAGGG	ACTTGAACCT	GTCCCTGCTG	GAGCAGTACA	CGGAACCTTT
515201	CCTGCCATCA	GACTCATATC	TTCTCCTCTC	TCCTCTTCTT	TGTTATCTGGG
515251	CCGATGCTGA	GGAAGGCGAG	CTATGCTCCC	GGCCTTGGCC	TCAGCCCCAG
515301	CCGAGCCCCC	CCCCCCCCAC	TCCCCCCCCC	TGCTCACGAG	GCAATGACGA
515351	TCACTCCATT	TCTCTTTGCC	AATCTGTGAC	GTACAGGTGG	CACGTGACCA
515401	CACTCTGGCT	GGTGCATAT	AAGGGGAAGT	CTGCAATGGA	GACTTTCTCA
515451	GACATAAAAT	GACAGCATCT	TCGGGGGAGA	GAGCTAGCCT	TTCCTTTCTT
515501	GTCTTGAAAA	ATTACATGTA	TGCTTGCACG	TGTAGCGACT	ATCTTATGAC
515551	AGCAGAAAGA	TAAATAAGAG	CCGGGGCCTC	TGGGAGAGTA	GCACATGAAT
515601	GCAACCACTA	CTGGCAACTG	GACTCCTTGT	GTTTGGGGTA	GACGGGAGGG
515651	GGGGCGATTA	ACTCCTGCTT	GCCTAGGCTA	TAAACTTGGG	CTTTCCCTCC
515701	CTTATGGCTA	AAAGTCCACT	CAAACTATTT	CCATACAAGT	TTTCGCTGTC
515751	TCCTCGGTGA	GTGCCTGCAG	TGAGATCGCT	AGAGACACCC	GTGAGTTTAA
515801	CTGTTGATCA	GCCCCAAGCT	CGGCCCTCTG	GGATCTGGCT	CTTGCTCCCC

515851	TTTCATCTTCT	CCAGTCATTT	TGGGAAACTC	CTCAAGAGAA	TTACTTTGAG
515901	AAACTTCCCT	CTTTCCTCTAA	AGGGTCACAG	CGTTAGGAAG	GCTGAGAACCC
515951	ACTGCTCCAG	TCTAATGGAT	CCCTCAGCGT	TTGCCCATCC	ACACAGCTTC
516001	TCTGCAGCTA	CTGTGGAGTCC	AAACCCCACT	GCCGGAGCAT	ATGACAGGAA
516051	TAGAGAAAC	AGTACTGCCA	AAGACAGGCCA	GGCAGAGCCCT	GGTGTATCCA
516101	CCCTAGTGGG	TTACATGGGG	GGGTGTGTAT	AGCACCCCGT	CCTCTCTCCC
516151	CTGGGGCTTG	CTGAGGAGAG	CCCGCCATGG	AGAGCCTTTA	GGCTTCTCAC
516201	CCCTCAGTTG	GATGTAGGAG	ATTTGTGCCA	AGCAGGGGGT	AAGTCTCTGAG
516251	AGGACCATGA	CATTAAAAA	TGGAAGAAAT	AATAATGAAT	GGTCGAAAGA
516301	CTTCCAGCCG	GAAGTTCAC	AGGAAGTTAT	CTGGTGTGCT	CTCTTTTTTT
516351	AAAAGATGAC	AGATGAAAGG	CTACATATAT	AGCCAGCCGT	CCTGACCTGG
516401	GGCCAGACTC	CCAACCAGTC	CTACCATAAA	CAGTCTCCTT	ATAAACAGAG
516451	GAGGAACATA	CTCAAGATGT	CATCAGGCTG	CTGAAATAGA	CGGGAGTTCAG
516501	GCACAGTGGC	ATACGAATAT	AGTTGTGAA	GTGCTCAGGA	GGCTGGGGGG
516551	AAAAATGACA	TGAGTTCACG	ACCAGCCTGG	CTGTCATGCA	CCACAAGACC
516601	ATGTCTCAAA	ATAAACAAAGC	AACACATGAG	ATCTGGGATG	TGAGAAACCG
516651	AGTCTATTGC	ACATGTCCGG	ACCACAGTGG	GGATTAGTCA	CCAGGACCAA
516701	GGGAACGTGC	TGAGATGACT	TCTGCCTTTC	ATGAGAGCCA	GGGTATAATG
516751	TGGTATACAT	CAGTGAGACT	AGGAAGTTAC	AGAGGGGAAA	AAAAAGTACT
516801	AGAAACTTGA	TTTGAAGTAC	CTGTGAAATG	AACAAGGGGG	ATGTCACAGGA
516851	GGCATTTGAG	TATATAGATC	TAGTCAGGGT	AGCTCGGGTG	CCTCTGCTCT
516901	AGGGGCAATC	GCACGTGGTG	ACCATGGGCA	CAGCAACAAG	GAGGGTGCCA
516951	ACAAAGAGTA	CATGACTTCA	ATGGAAAGAT	GGGGCATTAAT	GACACAACAC
517001	TGGTGGGCTT	CAGTGAGGCT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT
517051	GCGCGCGCGC	GTGTGTGCGC	GCTGCGCTT	GTGTGTATAG	TGTATGCCAT
517101	AGATATGCAAT	CGCATGTGGA	GGTCAAAGGG	CACCCCTCAG	GAGTTAGTTT
517151	TCTCCTTCTG	CCTTTGTCTC	AGTTTGAAGT	CTGCTTGTTC	AACAAGCACT
517201	TTGACCACTG	GGCCATTCTG	CTGCCCTTGA	CCTCTACTTT	CTCTGAGCTT
517251	TGGCTTCCTT	GGCCATCTGT	TTCCACAGCA	CTTTTCTTAG	TAGGCAGAGA
517301	ACAAATGTTG	TGACAGTTTC	AGGAAACCAC	AACTCGAAGT	TCCTCCCTCT
517351	TCGCAAAATA	ATTTCCTGTT	TTGAGACATT	GTTTCTCTAT	GTCGAGGTAGG
517401	CTTGCCCTTGA	ACTTGGCCCG	TTTCTGCCCC	AGTTTGGGAT	GAATGCTGAG
517451	ATTATAGGCT	AGCATGATTT	GCTCAGTAAA	AGACTATTAT	TCTCTCACTG
517501	TACATGTGAC	AGTCCCTGGG	AAATACTCTC	GTGGCGTTTG	GTGCAAGAAG
517551	TCAATGTAACC	TATACCAGGT	CTCTGACACG	TGGATTGCCCT	AGTTTGTAGT
517601	CACATCTGGA	TGGGAAGATG	GGAGATTGGG	AGGATGTGTT	TCCAGAAGCA
517651	GACCGTTAAG	GCTTTCACAG	CAGAGAAGAG	TAGTTGCCAT	GGTTCTCAGC
517701	CCATCAACAT	TTAAGAAGAG	AGGAGGAGGA	GGAGGAAGGA	GACACAACGT
517751	TGATATGTCA	AAGTAGATCA	ACAGCTTTTT	GGGAAGCCAAG	ATCTGTTTCC
517801	GATGTGTATT	TATTTCTCTA	CACCCCTCCC	ACTATCTAGT	ATCTCTGCCT
517851	AACATGCCGT	TCATCAACAA	GTGGGTGTGG	AGAAAAATCC	CAGACATCAC
517901	ACCCAACAAG	CAGGGGGGGG	TACTTTAAAA	AAAAATGACA	AAGACTAACCA
517951	AGCCCAGAAA	TCTGATTTGG	GCAATATACA	AAAGCACACC	CCCCCCCCC
518001	CCAGTATTTG	GCCTCCATGA	ACACAGATAT	TAATAGATTCT	TCTAAAGAGA
518051	GCCAACTCTT	TCAGGTTTTG	GACGGCACCG	TCATATCAGT	ATGAACCTCA
518101	ATCGTTCCAG	ATGAGGATGA	CATTTTGAGG	GTGTCTTGAA	GAAACCCGGT
518151	AGTGATATAA	AGAGCTCTGT	TCCTGCTACT	GTGTTCTGGG	CTTCAGCTAA
518201	TTTTCATGCT	CATTTGAAAG	CCTGCAGGGG	AGACACCTTA	ATTGCTACGG
518251	ATGCCAAATA	GGGAAGAGAG	TGCTAATCAA	AGCTTATTAA	TCGACGACAT
518301	ACTACCAGCT	TTCCAGGAACA	GATGCTAAGG	GGGAATGAAA	CCTTGTAAAG
518351	CACGGGTACC	TACCAACACC	CCCTCAGGTC	AGTAACAATT	GTTTTTCTCT
518401	ACATACACCT	TTCTCTGTCCA	CTAGGGGGAG	TACTAGCGCA	CGCCAAAGCA
518451	TGCTTTTTC	TATGCCCTGAT	GCTTAAACTC	CCTATGCCCTA	ACAAAACCTT
518501	GTTCGTCTGT	AGATTCTCTAA	GACCTCCAGC	CTGTGATGGC	CCAAAGATCT
518551	AACCAGATGT	CATATTTTTC	AAACAGACAG	AGTATATCAT	TCAAGGTATG
518601	TTAAGAAAT	ACATTGTCTTA	AATTTCTCAGT	AACTCAGAAC	CATCTTAGTG
518651	AAACATTTCT	TTGTAACAG	AAATTTCTAG	CCAGGAAGGC	AAAGCGCAGG
518701	GCTAATATTAT	GTTCAGAAATC	TTTGCTTATT	TAAAAAATA	TAGAAGATGC
518751	TGAATCTGTG	CCCTTTCAAT	TTTAAAAAGC	TTAATTTTAA	TACCTGTTAG
518801	ACACTAGTAT	GATCTTTTAT	TGCTCAGTGG	AGTTCTTAAA	AGATTTATTGG
518851	CACCTCAGTT	ATAATTATTA	TAATTATTAT	AAGCTTGCTC	TCAATTAATTA
518901	CAGTATAAGA	CTCTTCCCTC	TTCAACACAA	AGCCACTTTC	AAAAAAGTT

518951 TGAGAGGCTA TGTA AATTAA CAAATAGCCG AAATGCCACA CTTAGCTTCG  
519001 CACCCAGCTT CGCTGCCCTT CCTTCTTCTC AGTTCTGTAT TTTTGTGTGG  
519051 CAGGGTACTG CATTTT TTTT TCTT TTTT TAG TCTCTGTGTA GAATGTCAAC  
519101 CCGTAGAATTG CTAAGCGTGT TATTGTGCGT ATGCCAAGTC AATGTGTGTG  
519151 GAGCTGTGGA TTCTCTCAAAG ACTGACACCC ACCCTGCGAG TTGCCTGTCT  
519201 TTGCAGAAAC ATCCGACAA CATCGACTCA ACACCTGACC TGTGTGAAGC  
519251 CCCGTAAACG GCATAGGACA GGACAGCAAT GCTCTGACT ATACCCTCAG  
519301 CCCATACACA TGCTTGGCAT CAGGAGCCCC GAGGGTTTCT TGCTAAGGAC  
519351 ATAAGCAAGT AAAATAAAGG TTTGAGATGT GAAAGTTTGT GGGGCACGTT  
519401 GGTCTGTGTT GCCCAGAGAT TGCTAGAGAA ATCAAGAGGCT CTATGCATGC  
519451 AGGGACCTCT CCTCAATGGA GGAGATAAAA TACCTGATCC CAGTGTCTAG  
519501 AAGGCTGGGA GTGAATATTG TTGACGCCCC GGTGACCTTT TTGCTATCTG  
519551 CAGCAGCAGC AGCAGCAGCA GCAGCAGCAG CAGCAACAGC AGATCTCACC  
519601 CTTTGTGCTAT AGAGATAGAC CTCACTTAAA TCCCACACAA CGTTTATTTC  
519651 AGACTCTCCC TCCCTACCTC ACAGGTAATA GAAGCCCTCC TTAGTGGGGG  
519701 AATGTCCCAT GTACCCTGTG GCCTGTTGAA TCTCTGTCC TCGTGTGAG  
519751 CCACACTAGA ATCTAGGCTT TTTAGCTATG GAACCTACCC TCGTGGTAC  
519801 ATGTATTTC A TAAAGCAGTT TCTAAATGCT CACACCTTAA GC TTTTATTTCT  
519851 GCACCTTGAA TCGGAATGAT TGTGTGCTGG AAACCTGAAA TAGGAATGAT  
519901 TGTGTGCTGG AAAC TTTTTC CCAAATGTGA CTGTTT TAAA CATGCTGACA  
519951 ATGAACCACT CCGTACCAGG CTCTCAAGT TACCTACAGG ACCTGTGATG  
520001 CGATCTGAAC AGAGGTTTTA TTCTTGCTCT TTTGTGGATC ACTGCCTTCA  
520051 TTGACAACCT CAGTGTCCCC ACCCACAAG AAAGGAATTG TAGAGAAACA  
520101 CTAAGTTGCT ATCCCTGACC TCAGAAGAGT TAACAGTGGT ATGAAAGGGT  
520151 GCTTGGCCTA TTTATCTAT TGTCAATTCT CCCATCTATC CATCCATCCA  
520201 TCCATCCATC CATCCATCCA TCCATCCATC TCTCAACCA CTCTATCATC  
520251 CATCCATCTA TACATCCATT CCTCTATACA TCTATACATC CATCCATACG  
520301 TACATACATA TATCTATTTA TACATCCATT TATTCATCTA TATATCCATC  
520351 CATCTATAAA TCCATCATCT ATAAATCTAT CTATTGACCC ATTAACCTAT  
520401 ACATCCATT ATATATACAT ACATCTATAC ATACATACAT CTATATTTAC  
520451 CCACCCACTT ATTCTCCAGA GCCTTAAACA TGCTAAGCAC ATATTTTCCC  
520501 ATTGGACTAT ATCCCAAGT CTATTGTCA TTTCTTAAAG GAGCTGAGAG  
520551 TCTACTAGAG AGCTTTAGAT ATAATTAACT TACTCACACA GAAAGATGTA  
520601 GACAAATAGG GGTTCACAAA GTAAGAAACA AGGGGACAAA TTTTAGGTAA  
520651 AATTACCAA AATGTGAAGA CCTGGAGGCA GAAAGAGCCC CGCTTGCTTA  
520701 AGAAACATG CCAACTCTG TAAAAACCA TACCAGCCAT ATCCCTCGCT  
520751 CTGGTCTAAA AGCCCTAAC CTGACTATGA AAGTCCCGGA GTACATAGTT  
520801 GATATTTCAA CAATGTCTAG GGTAAAGATC ACATGATGAG CCTGGTTATG  
520851 TGCTGGGTAA GACAGGAGCT GGAGAGCTAT CTGAGCTGGG TCTGGTCTAG  
520901 GGTCAAGTAG TCAAGGCCAA GGGAACTCCC CACCCCTCTC TGCCACAACAC  
520951 TGGTTTGTTT CATCTACTCA GTCTGTTTCA TGGCAAGTTC CTAGGGAAG  
521001 GGTGCTCTG AGGGACAAGA CTATTTATGT ATTGCCCTGT TTCTTGGGGC  
521051 CCTCATCCAT GCTGATGCTA AGTGGATGCC TTCCAAAAGG CATGTGGGCT  
521101 CTTACCTCTG GGTTCCTTAA GAGTCCAAGT AAATGTGTTT TGATCAACGA  
521151 GATTTTGTGT CTTTGGCTTT AGTTAGGCTG TCACACATAT AAATGGAAC  
521201 ATTTT TTTT GACCCCTCC CTACCCTTTA TCGAATGAG TTGTGATCTC  
521251 AATATGGTTG ATAGCAGTGT CTCTCTAGAG GCTGAAGTCA GACTGACGTG  
521301 ATGAGACCTT CTCTTTATTC CAATGCAAC CTTTTCCTGA GGAGACAATA  
521351 TACCCATATC TACTCACTCC AGAAAAGGC CATTGACAGG CCAAGTACA  
521401 GATACACCAA AAGTCACCAA AGTCCAACCT GGTAAATGAG TGAGTGTAGG  
521451 GGTGTGTTAT TAATCTGCTC TAAGCCCCCT GGGCCACAAT CCCCACCTCT  
521501 TACATGTTGG CAGTGTCTCT GTCTACACT TCTCAGGCTG GGGCTCTCT  
521551 TGTCCCTGGC AATGGTGATG CTCTTCTTTC TTCTGTGGT TGGTTCCCTP  
521601 GCCTGAGAAA TCTAAAGCCC TGCCCTGTG TCCTTACTCC AGCCATTGGC  
521651 TGCTGGCAAAA TTTATTTTACC AATFAGAACC AGCTTGGGTT AAGGGACGTT  
521701 TGAATTTCCC AGTAATTTGG GTACCCAATT AACACAAGCA ATAAACCAAT  
521751 CCACAAGAAG TGAGTTTAT TGGGGTTACT TATGGGAATA TAGGTGAGG  
521801 GTCCCTTACA GGAGCAGGAG TGACTCAAAG ACAGCCGCAT CACCAAAGCC  
521851 CACCCCCAGG ACTGGTGACA GCTCACAAAG CTGGGACCTT GGAGCAGGCT  
521901 GCACAGCTTG CAGGTAGCTC ATCAAGTTGG AGAGTGTCCT TPCAGGTC  
521951 CTCAGGTGGT TTAACCTCT TCCAGGAAG CTGGATGAT TGTGCTCTCT  
522001 CCAGGCTGCT GGTCAAGTCT CAGAGTCTGC AGCCTGGCTT GTTTGAGAGT



522051 CTTTCACAGCT CATCTTTCCT TCTCTAACGG GGACTTTCTG CTTTTATTGC  
522101 TTTTCTCTGGT TGATCCCTCC CACCCGTGAA TCTTGTGCAAT TTCAGGAACAT  
522151 TCCTGGAAGAT CATTTATTGA CTTGTTTACC TTCCTGCTTG AGATTCCCTG  
522201 CAGGATGGGT GTTTCAATCT TAGAGGAAAC AAGAACAATA ATCTTGTGTG  
522251 GATAAATCTC CAACCCAAAT AAGCTCTGGC AATGAAATCA TGACTCAAT  
522301 AATAGGAATA CATGCTGTGC ACCTAGATTG GCGAGATCTA CCAATACCAT  
522351 CTTCCACATC TATGAGACCC ATCCAGGCCA TGTGCTTCTG CTCTGCTTTT  
522401 CTTCTTCCCTC CTTTTCCTGTG CCCTCTCCCT CTTCCATTTT CTCTCTCTC  
522451 TCCTTCTCCCA CTTTCTCTC CACCTTCCCT TTTATCTGCC CAATCATCAG  
522501 TTTCTCTTTA TTTTACAAAT TGAGGTGGGA AGCAGGTTTA CAGGAATACA  
522551 CCTGAGTGCT GACTCATTCC TTGTTTCAAA CCACTACAAA GAGAATTGAC  
522601 CTTAAATATA ATTAGCCCCA GGGCTATCCA CAACAATGGG GTGTTTCAAT  
522651 CTTAGAGGAA ACAAGAACA TAATCCCCC AAAAGAGAAC TAATCCCCGA  
522701 TGAAGGTGAC GAGAAGGTAA GCGTAGAAAG ACTTCGATGC CTGCAAGAA  
522751 ACCAGTCTCT GTTACAGCCT AAGAGTTAGG AAGATATTGG TTGTTTATAC  
522801 CAGCCAATAT GTGGGACTCC GCTATGAAA CATATGAAA CTGACACAGT  
522851 GACCTAACAT AGAATTGGGG GGGGGGGTCT CAGCATCAAA TAGCAGTAAT  
522901 AGTAACAGTG TCACATTTTA CTAAGCAGAT CTTGTGAGCC AGGGTTTGGG  
522951 TTTACACACAT CTTCCCCCAC CCAAGTATTA TCTCATTTAG TAITCATGTA  
523001 ACCTCCGGTA GTCATAACCT TTCCCTTCC CCAAATCTTC TAAGACGATG  
523051 CTTAGGCTCC CAGAGCCCAA GGCTACCTAA TTAACAAACT AGTAATGGA  
523101 GGCATAGGAT CTAGAATTGA GGTCTGACTA GGGCCATTAT ATCTCTGTAC  
523151 AAAAAGAAATG GCTTCTCTG TTTTGGGCAC AGAAAGCCCC TGTGTCCAGC  
523201 GGCAGGGGCT AGCGAGCAGA GGGCTGGTTG GCTTTCATGC CTCTTGCCCT  
523251 CTTTGGGCAA ACCTCCACTT TACAATGACC TGCTCTGTAG CACAGGTGCT  
523301 CAGTTGTATT ATTTGACCAG CTGGGGGTTG AGGTGGCTGT GGTGACATCA  
523351 GGAGGTACAC AGGGGTCTAG AGTATTGGGG TGCAATTGAG AAAGAGGCC  
523401 CGGGGGCTCC TTGTGACCTT TAGGAAGGCA TTAGACCTCC CTTCAGCCCT  
523451 GTTCTTGCTCA CTGGCCTTAG CACACCCCCA ATCTCTCCGG TCTCTCAGTC  
523501 AGCAAACTCA CTAGTTTGA GGTACACGTC CTAGGATGAC CTATTGACCT  
523551 TTTTACCACC ATCTTCGCGC TCCCTACTAT TACCACCAAA CCAAAAGGCC  
523601 CAAGAAATGC CTCTCTGGCT GTTTTATTGT ACTCCGACTC TCAGCGTCTA  
523651 TGCCTTTCTC CACAATTAAA GCTCCATTTC GCTCTAAAG TGTGACCTTT  
523701 CATGAAGAGG GAAAAGGGAC CTTTGCACCC GTTAATATTT AATCACCATT  
523751 GAGATGTCCA AAAGATGAGG GAATGGACGG TGCAGATTTG GTGCTCTGTA  
523801 GAGCAACAAA AAGAAGCCAT AGTGGTGGGG CAGGGGGTGG CAGCGGGGGT  
523851 GGGGCAGGGG GTGGGCAGGG GTGGAGCAGG GGTGGGCAGG GAGTGGGGAA  
523901 CGGGGTGGGG CAGGGGTGGA GCAGGGGTGG GAGGTCTGGG TAACCTAAAA  
523951 CATGCCATCT TTAGAGCTTA AAGTGGCTCA CATTCCTATT CACTAAGTGT  
524001 GCCTGAGCTA TGAAGGAAGC TAGATTTATT AATTTATTTA TCTCTTTAAA  
524051 TATTGGGCGG GGTGAACATA GATGAGATCT GGAGGTGAAG AAGTCTGACG  
524101 CTCTCTCTCT ACTTCTGTTT TGGTAACCAT GAAGAGACCA GAAATTTCTA  
524151 GACTATATCG AGGTGACTGC TGGAGTTTCA ACCTGGGGGA GAAATGTCT  
524201 AAAGAAGGAA AAAAAAGAGC TGTCTGTTG GTTTTGTGTC TTTTGTGAAA  
524251 ATACACTTCA AACATTCCGAC AGTATTTCCG AGATCATAA TGCCTATGCC  
524301 CCCACCACCT CTFGAGCCCT TGGCCCCCGG GGAGTCCAGA TTGCTTTTAA  
524351 AGTACTTTTT AGCTTTATGT TTTAACTGGA AAAAAAATA ATCTTGCCCA  
524401 GTAGGGCTTC CATTTGTTTC TATCAATGGG CTGAATTTAG TTTAGGAAAG  
524451 GCTGTGGAGA AAGAATGAAA TGTGCTTTT CCCCTTGCCA GATCTGGACG  
524501 CACCAACCGT TTGGAATAAA AGGGCATGCA ATTTTGCCAA TGTTCCTGCT  
524551 GAAGGGCCAT CCCGATCTC TTCTGTGATC TTTCTTTGAG TAGGTTGAGT  
524601 TGATGGTTAT ATTCTTCGAG GAAGCAAGTG ATAGGAACGG AAGCATTAAA  
524651 GGGGTGGGGT GGTGGCTGAG GTATGGGCAT GTTAAGGGG GACGCCAAAG  
524701 CTGGCATCAG TAGGAGGCGC TGGTGTCTAC AGGTACAGGG TGGAGGCTGA  
524751 GGGGTGCTGA GTGAACCAGG GCACGTAGAG AGGACACCCC GTGGAGCCAA  
524801 TGGCCCTTTA GAAGACCTGG TCACAGCTAG TATACTGATT ATCAGGTAGG  
524851 GATCTGGGGG GGCTAAGCAC CCAACTTCA CTTAGCTCT CCACCTCGGG  
524901 GPTCCACACA GGGCTCCCA TTGGCTGAAT CCAACAGAA GCGAAACTGT  
524951 CCTTAGATGC AGACTTTCGG TATAGAACGA GACTGGGAAG GCAGGAGATG  
525001 ATAGAAAGAA CTGAAGGCGA CGCAGCCAGG ATGGATAAGA AGACATACGC  
525051 AGAAAGGATT GAGGAAGGAG GGGTAGTTA AGTTCTGCGG TATCTCTGAC  
525101 CTAAGAACTC ATGTTGCTGT ATATAGGAAA TGGGCACCAC ATCCCCCGCC

525151	CCCCGCCCCC	CGCCCCCCGC	CCCCGCCTCT	CCTCTCTTTT	GTFTTATGTC
525201	ACATCTTAGT	AAAAGATTTT	TGAAAAGACA	AAATGAAGCC	AGGCATGGTT
525251	GCATGTGCC	GCAATGCTAA	CACTAGAGAG	GTТААAGCAG	AAGAGTTTCT
525301	ACTTTGAGGC	GACCTTGGGC	TATACGGCAA	GAGGCTATCT	TAAAACCGCAG
525351	GGAGCAGGGG	GATTGAAAAG	ATGACTGCCT	TTGCGAAGAA	CCAAGGTTTG
525401	GTTCCTCAAG	CCTACACAGT	GGCTCACAAA	GTCTCTTTAC	TCCAGAGCCA
525451	AGGGATCCAG	TGCCCTCTTC	TGGCTTCTGG	AGACACTAGG	CACACACACA
525501	GTATGTGGTA	TATACACAAG	CAAATACTTA	ТАААСGТГАА	ATGCAATGAT
525551	TTTTTTTCCC	CAAAGGACTG	GGAGACGCTC	CAATCAGGAA	AAGTGCTTGC
525601	TATACAAAGT	TGGGGGGTCT	GACTTTGGAT	CCCCATGTAA	ATACTGGGGC
525651	TGATGGTGTA	TGTCAGTAAC	CCCTAGGCCA	GTGGGATGGA	AAACATGAAT
525701	CCCTCGGGCT	CACTGATCAA	TTAGCCTGTC	CAGCCAAATC	AGTGGGGCTC
525751	AGATTCTGTA	GACGCCAGTG	CTGACCTCTG	ACCTTGATTT	GCACGCGCAC
525801	ACACGCGCAC	ATCCAACCCC	TTGCCCTGCC	CCTCCCCCCC	CACACATTAA
525851	AAAAGAGGGG	AAAGCCAAAA	GCAGCAGAAG	GCCCAAGAAA	GTATTCTAGT
525901	CTTACATTTG	AGATTTGGTG	CGCGAGACGC	TTAGCATCAG	CAATCCAATG
525951	GAACCATCAC	GCCCTCAATA	CTTCCCAAGC	ATGGATGAGG	ACAAGAAACG
526001	CTTCCCCAGT	CTTCCCCAGG	ACCACGTGCC	GAGCCACCA	CCAGCCACTG
526051	CCCATACTCA	GAACTCATTC	CAGGCTACAT	GGCGATATTT	CGTAGGGAGG
526101	GCAAGGACTG	TGGAATAAGC	CGCGTGTGCT	CCCGCAGAGG	CGCCGACATG
526151	CTCGCCGAGA	AGTCCAGCCA	CTTCATCGTC	AGCTCGAGAGA	ATCTCCCCAC
526201	CAGAACTCTG	AGGAAGCGGA	AGCACAAAGC	ACTGTGGAGC	TATCTGCCCT
526251	TTAATCTTAT	CTTCTGCTAT	TCATTTTAA	ACTTTGATTT	ATTATTAATA
526301	TGAAGGTCCT	CTTTATGGCA	GCTCTTCTTG	TTGAATGAGT	TTGTGCCAAG
526351	CTGCCTGCCA	GTTATCAAGG	GACTCAGGGG	CCCAGGGTTA	CACТААCAGC
526401	GAGTCCCTGA	GATGTGATGA	CAGAGACATG	AAAAGTTT	TTTTTTTTTT
526451	GTCCТААGAG	GGATCAGTAT	TTTATGTTTA	CCCTCAATAA	CCTTTGTGGC
526501	CTTCATTTCA	AAGGAACATT	AAGAAAAAAA	TACAAGCAAG	GATAGCCACA
526551	CATTTCAAAA	AТАААТСТТТ	ATTTATAAAA	AAAAATTTAA	TTTTTAATTTA
526601	AAATTAATTT	AAATTAATTT	AATCAATTTA	TTTAGTTAAC	TAAAAAATTA
526651	ATAACTTTTA	ATTTTAATTT	TAAGAGACCA	CCAGGTTGTC	AGAAAGTGPC
526701	TAAAGCTGAA	GATGTAATTA	CGCGATGAGT	TTGCCCTACT	CCTCGAGATC
526751	TAGAAAATCT	GATGGTCGCT	GATGACTTAA	CGGTATTTTG	CTGTCAATTA
526801	AGGGCGGCCCT	CAGATCCTTC	ACCACAGGCA	GAGCAAGTGT	CGGAAGAAAC
526851	TTCACTCTCC	TGAGTCAGGG	CCGTAGTCTG	TTTTCTATTT	CTGTGAGAAA
526901	CACCATGACA	AAAAGCAAGC	TGAGGGGGAA	AGGGTTAAAT	TCATCTGCCA
526951	GCCTACAGCC	CATCTGAGG	AGAAGAGAGG	TCAGGACCTG	AAACAGAGGC
527001	CATAGAGGAA	CACCTGCTTAC	TGAAGTCTC	CTCGCCCTTG	CTGATCCAAC
527051	TCAGGACCCT	TTGCCCAAGG	GTGGCAGCAC	CTGCAGTGGG	CTGTCTCTTC
527101	CCACATCAAT	TAATAATAAT	AATGATAATA	ATAATAAGAA	ТААGAAТААТ
527151	AATGGCCTGC	AGATGTGCTA	CAGACCAGTC	TGATGGCGGC	AAAACTTCCA
527201	CTGAAATTCC	ATCTTCCCAG	ATGATACTTG	TCGTGTGCAA	GGTGACAAAA
527251	ACTTAAACCAG	CCGACGCTGC	CGCTTCTGTA	ACACAGCAC	GAGTGGCAGG
527301	GTAGTTTATG	TCCTGGACTC	TGCAGCCTCT	GAGAAAAATT	GGCATTTTAC
527351	ACCCCTTTCCA	AAGGCCCTTA	TAATATTGAA	GGCTCTTACA	GGCCGTAAAG
527401	AAAGGCAGCG	TTGGGACTTT	ACGCAAGAG	CAGTGTTT	GAATGTCCAC
527451	CTCTGTCTTT	TTGTCTGTAA	GTGTACTCT	TCTGGGAAGC	AATATGTAAAT
527501	CCAACPTCTG	TGAGTCATGA	CAGAGAAAGC	TGACAACCTGA	AATGTTGGAG
527551	GTGAGCCCAT	CACACAATCC	AGCCTTCTTA	CAGGAACATA	CACCTGGGTAC
527601	TGTCACCAAG	CATGAAAGGT	TACTCTCCAT	CCATCCATCC	ATCATCTCCAT
527651	CCATCCATCC	ATCCAAGGCC	ATGTTGACTG	ACAGCAGGAC	CTGTACTTAC
527701	ACTCCCTCAG	CTCTTGCGCG	CGCCAGACTC	GACCAGCAG	GACGCTGCAA
527751	CAGGATCCTT	CTGCACACGT	TTATTGGGAG	AGCTTGATTG	TAGAGGCGAA
527801	GAGACCCCGA	GCCCAGAACT	GGTGCTGCTT	TTATAGGCCT	AGGAGAGGCG
527851	TGTCTTACAC	CAGGATTGGT	TATGCACATC	GCCTCATTTG	CATGTTCTCT
527901	ATCTGATTGG	CTACTCTCTC	TCTCTCTGTA	CCTCACAGAG	CTCATTTATC
527951	ATACCTTATT	TGCAATGTCT	ACATCTGATT	AGTTATACTC	TCAAAGCCTC
528001	ATTACCATGC	CCGGGCCAGG	CACGTCTTTT	GCAAAAAACT	TTACTGCATA
528051	TGTACACATT	GGTTGTTTGT	CCAAACTTAT	ACGTGGTGGC	CAGCAGTAGT
528101	CAGTGCCACT	CTGCAACGGC	ACATGTGGCT	TCCCACTGTC	AGCCACACCT
528151	TGAAAACTTG	TTTAAAGTGT	GGATATTTCT	GACCAATGGT	CCTTGCTCTGT
528201	GGATGGAGAA	ACACTGAGAG	GGAGAGAGAC	AAGAATGCTG	GGGGAGGAAG

528251	GGCAGGCCCA	CCTGGCCAGC	CAGCTTAGTC	AGCTCAACTG	CGATCAATGA
528301	GGTGACGACG	GTCACAGCCA	GATGCCCTCAG	TCATATCTCA	TGACCTGCGCT
528351	GAATTCACAC	GACTTCTAAT	GGCTGAACCT	TGTTCAACTC	ATCTCTTAGC
528401	ATCCACTCAA	ACTATAAAAC	GATACTTCCT	CTAGTGTAAT	TTCAACTATC
528451	TGTTAATCTG	AAGACACAGG	AGGAAGCTGG	CCTAGTTCAT	TTTCCGTCTA
528501	GTGACCAAAA	GGGACCAGAA	ACTTTGTATA	GGTTTTCAGC	CCGAAGACCA
528551	CATAGATATG	AGCAGAGTTG	TGGAGAGGCA	AGGTTGGCCTG	TCGTAAATTC
528601	CAGGAGGCCA	AAACAGAGTG	GATCTCTGTG	GAATTTGGGCA	AGGTTGTCAT
528651	GTAGCTACAA	AGAAAAGGTT	TGTAAAGAGT	CTCTTGCACA	CTAGAAGTAA
528701	CATTCTTAGT	TGCTTCTGGC	TCCCATCAAC	CCAATCAGCC	CTTTAAAGTA
528751	TGGTTCAGTTA	AAAAAAAAAA	AAAAAAGCAA	AACAGAAGAG	TGAAATGTGA
528801	ATGATAACCA	TCTTTGTGACT	GTGACCAATT	GCCTTACTGAA	CAGCCGCTCT
528851	TAACCTCCCA	AGTCCCAGCA	GGAAACCACA	GAATCTATAA	AGCCCTGTCT
528901	AGCAGAAATG	AGTCTGTATT	TAGATGCGTT	GATTAAACCA	GATTGCGCTC
528951	AATGCCTGAG	GAGATGGATA	TTTTCCTATT	ATTGGAGACT	TTCCAGTCTT
529001	CGAGGGCTGT	GCGTACAAC	GCTCAGAACC	CATCTGAACG	GCCCGTTTCC
529051	GTGGTAGACG	GTCCTGCTCG	AGGACAGATC	TGTAATCACCT	CTCTTTGTTT
529101	GGTTTTCAGC	CATTTTGTGT	ACAGAAGTT	TCGTAATGTG	TCATAAGGGA
529151	CACCCAACAA	GATGGATGGG	TTCACTCAAT	TGGTAGGGGA	TGAGTAGACT
529201	ATTGGACCTT	CGCCAGTATC	GTGTGCTTAA	GAGGAAGCCT	TTTAAAGAA
529251	ACAGACCCTA	TGCCATAATA	TTTATATAGA	GTTGTTCATA	TTTCCCACAC
529301	TTTTTCAAGT	TGAATGTGCG	TCTCTGAAGT	GGAGCTTTAG	TACAGGAGAA
529351	AATTTGGGAG	GGGCAAGAG	GTTTGTCTAA	AATGGGCGC	CAGCAGTGAA
529401	GAACCTGTTT	CAGGTTTCTT	TAATCGCCTA	CATTTTTTCAT	GGCCAAAGAT
529451	TAGCATGGAT	TGCGGTTTCT	TCCCATATGG	GAGTCTGCAC	GCAAATTAAC
529501	AGGAGGAGAG	AGAGAAAGCC	TGCTTGCCTG	AATAGGGCTT	ATGGTCTFCAG
529551	CAAACTTAAG	AGATGCAAGG	ACCATCAGAA	CCCTTTCCAC	ACCTTGCTCG
529601	TAATTTTTTG	AGGATGTTGT	TTTCTCTTTT	TCAAAATGCA	GCAGCAAAGA
529651	ATTGAGAGTG	GAGCAACGTG	CCACACCATG	GAGTATGTTT	GAATCCAAAT
529701	GCTTCCAAGT	TGCTCTGTGT	CTCAGCTTAG	CAACTCTGTG	GGGTTTAGGG
529751	AAATGGCTTG	CTTACCAGCG	AAGTAAGGCT	ATCTCCAAAA	TGGAATTGAA
529801	TGCTGCTTCT	TGGCCCATCG	CAC TGCCACA	GCCCCTCTGT	GAGTCAGCCA
529851	CAGTGACATAT	AGGACACTGA	TGCATGTATG	CCCTATGTTG	GAGGAGGAAT
529901	ATTTTCTGAT	TTATTTATTT	ATTTATTTAT	TTATTTATTT	ATTATTTTAT
529951	TTTTCGATTG	GAGTGAATGA	AAAAAAATTC	TTAAAAATTT	GAAGTCGGTG
530001	GAGAAATGAGT	TGAGGGGGGT	ATTTTTTTTA	AGCAATGAAG	CCCACTTACT
530051	TGCTTTCATT	AAGAGGTGCT	TTTAAACATC	ACCCTAGACC	TACATTCCCT
530101	GCCTTTTTTT	TCTCTCTCTT	ACTTTCTGAC	ACTACAGAAG	AGGTGACCTC
530151	GAGCTAACAT	CTGAGAGAGT	CGGCATGCC	CATCAGCAGA	GAGAAACAAG
530201	CAGATGCCAGT	CCCCAAGAGT	GAGGTGTGAC	ATTGAAAGAT	GGCCACGGAC
530251	CATCTTTTAA	AAGACCACTG	TGAAGGAATA	GTGTGTGTGT	GTTGTGTGTT
530301	GTGTGPTGTT	GTGTGTGTGT	GTGTGTACAG	CAGAGAAAGT	GGAAGTCAAG
530351	GCCTGGCTGA	GCTACACCCA	CCCCCTAATA	CTGTACTGTA	CATCTAGATT
530401	AGACTTTCAA	GCTTCTTGCC	GAGTTCCTTC	TCCCTCCCTT	TGCCCTTCGA
530451	AGCTCCCATC	TCGACAGCGG	CAGGAAACAGA	CTTAAGCAGT	TCGTGTGAAG
530501	TGTAAAACCT	GCAGCAGGTG	ACCTCTGAGG	AGGCTCATTC	AGAGCCCCCT
530551	TAAAAAACAA	TACAGATTCC	TATCCAGAGC	TGTGGCTGACT	TGGAGCTAAG
530601	AAGAGAAGAT	CACACAGCAA	CCAGTTCGAC	TCCTAGGAAG	ATCTAGGAAG
530651	AATCGAGATC	ATTTTCTTAAG	GACCCATACG	GGTCTTTAGC	TCCCTCTCCA
530701	TTTACCACAG	AGTTTGAAGG	ACCAAGGCTT	GCCTCTGGGA	AGGCCACTTC
530751	TGAGAAATCA	TGAGCTTGCC	TGCTCCCCAG	AGCACAGTGA	TCCTTTCTGT
530801	CCAGAAATTC	TCGGTGGCTT	CGAGGTTGGG	GGAAGGGGGG	AGCACCCGAC
530851	CTGACAGTTG	CTACCTTGAT	GAAGTGTGTG	AGGGAGCCCC	TCTAGAACA
530901	TAAAGAGACT	CCGGACTCTT	GAGATGCGAG	CTCCGCTGCT	TGAGCCCAAT
530951	GTACCTTTGC	CTTTATTCTC	TGGGGAGTGT	AGTTTAGTGG	CCACAGGTGG
531001	CATCTGGACT	GCAAGAAACC	TGTAAGAGGC	TCGGTGTGTA	GGGTGTGGAAT
531051	CGAATCTCTG	CTGTGCTATT	TGCTAACAGC	TGTACCCGGG	CAGGTTCCAT
531101	AGCTTCTCCA	AGACTTTTCT	CAAAAGCCGA	TGAGGTTTGA	TACAGTCACT
531151	TAAATTAATC	TGTTTGTCCC	AAGCATCAAG	TGAATCAAAA	TCTACATGGT
531201	GCATTTAGAA	CTATGCCCAG	ACCGAGCAA	GTTCCTCAATA	AATGTTAGCT
531251	TTTGTCACTA	GGGTTAGATA	GTGACGAGAA	CTTTCTTAAGT	GCTATATCTG
531301	AGAGCGTTGG	ACTCCGTTGC	CAGAAGGAGC	CAGGGAGCCT	TTTCAAAATG

531351	GAGAGCTCTG	GCCCAGAGGA	TGTGCCACAA	CGAGAGTGTG	GCGCCTTTCT
531401	CCCTACCTAC	TCTGACCTAG	GGAAACCCAC	CCCCGCTCAC	AGGGGGCGTCT
531451	TGGTCCCCCT	CAGCCGCCCTG	CCGCTTGGCC	CAGCCCCCTC	GGCGCATCTC
531501	TCAGGCCCCC	CTCCCGCCGC	TCCACACCTG	TCAGCCGCCC	TGGCAGCCTC
531551	CCAGGGGCTC	AAGCCCTGGG	CCTCCGCGCT	AACC CGTTCG	ATCCGGGTCT
531601	CTGTGCTCGC	GAGCCTTCGC	TTTGCCCGGG	GTGCTCTCTG	TAAACAAACC
531651	CGCGCGTTTG	AGCAGCCCGC	CGGGCTTGGG	AGCGCGGGAG	CCAGCTCGGT
531701	GGGGGCTTTC	GGCGCCGGGG	GAAACCGGGG	CGAGCAAGGG	GCATATGGTGG
531751	CAGCCGCGGC	GTGCGCGGCG	AGGCGCGCTCA	GC'TTGT'TAT	GAATATAGTGA
531801	AAGAGGCGCAC	CTACACAGTA	ACCCAATTA	CGAGACTCTC	CTCCTCCCGA
531851	TCTCACCGAA	TCAAGAAGGG	AGGGGAGATG	GGCGTGGAGG	GAGGCGGGGC
531901	GAGAGGCGGA	GGGCGCGAAG	GGAAAGAGAT	GAGGAAGGGG	CCAGTGTGAT
531951	CCCAC'TTCA	CAATGGGAAT	GTGAAACGCA	CAAGCGCAAC	CAACTCTTCC
532001	AGCCTCTCCC	GCCCGCTCTG	CTCCCCTCG	CCCGTCCCCT	CCCTT'CCCCT
532051	CGCGCCTTCC	CCCGGAGCCG	CCGCGCCGCA	CAGAGGAAT	CTCCGGCGAA
532101	GGCGGACGAG	GAGGAAGCGT	CTCCGGAGCG	CGCAGGGCTT	GCCGCGCGGC
532151	CACAGGCTGC	CGGAGCGAGC	CCCGCGCGCG	CCGTCTCTCC	TGCATCTCTT
532201	CCCGGCGGAG	CGCGCGGGAT	GGGGCGCGCG	CGGGAGCCCG	AGCGCGCGCA
532251	GGAGCGCGCG	CGCGCGCGCG	CGCGCGCGCG	GTCTCCGTCG	CCCGCGCGCT
532301	GAGCTGCCCG	AGCTGCCGCG	CGCCTTCCGC	GGGGGCGGCG	CCCCTAGCC
532351	CATGGAGGTC	TCCCGGAGGA	AGACGCCGCG	CGCGCCCGCG	TACCCGCCCG
532401	CACCGT'TGCC	CTGATCTGCC	TGTTTGTGCT	CGCTGGCAGC	GCCCGCCCGG
532451	GGCGGGGAGC	AGCCGGTGTG	GCATCTTGAG	CAAGCATCTG	GAGGCATCGC
532501	GGCGAGGCGG	GCGGACGGAG	TGTTTCTGGC	GCGGCGCAGC	TGCTGTGACC
532551	AGCTTGAATC	CAGCCTGAAG	AACAGGCTCT	GATCGGCTAT	CGGGAGCCAA
532601	CGGGGCAACT	GCACGGAGCC	CGTCTCGTGT	GGCGCCCGCG	CGCGGCCCGG
532651	GCCCGGGAGC	AGCTT'CAAGA	AGCTACTTGT	GCCCTACCCG	GAGGGGGCGA
532701	CGCGCTTCGA	GGGGCTGCTG	CTACCCGGCT	GAGCCTTCGA	CGGGGGCGCC
532751	TGCGAGGATG	GGCCCTTGGG	CAACCTGAAC	CTGAGCTCCC	TGCGGACATG
532801	CACCGAGGTG	GTGTCA'TGTC	ACCACGAGGG	TTGACCGGCT	GGTGTGGTGT
532851	ACCGCGCGAG	TGCGACCGAC	CTCTTGTATC	TGGCGGTGCG	CGCACCTAT
532901	GTGCTGCGCG	AGCCCGGAGC	CGCGAACCCG	TGCAACCCCG	GAGATCTCGA
532951	TGCGGACAGC	GCTATCGCGC	TCAAGAACAC	GGAGGGGCGC	AGTCTGGCCA
533001	CGGAGGAGCT	GGGCGCGCTG	AAACTTGGCG	GTATGTGCGG	CAGCCTTGAC
533051	TTTCTGGAGT	CTTTTCTTGT	GAAACCGAGT	GTTACTTCTC	CTACTATATC
533101	CTACAATCTG	ACGAGTGGCG	CTGGCCACGG	GTGGCCAGC	ATGGCGCGCA
533151	TCCGCGACAG	CACAGAGTGT	GCTTTCACGG	GCCAGGCTGC	CTCTCAGTGC
533201	GACCAACGGC	ACCTTGAGGG	CCGCGCGCTA	CTGCTTTCTC	CCAGCTTGGT
533251	GGAGGCTGTG	GACATCTTGG	CCGCGCTGTT	CAGCGCGGCC	ACTGGAGAGT
533301	GCCAGGAGAT	GGCCTCCCCC	GCCACACGGG	CTCTCTPGCCT	TTCTCAGGATG
533351	AGT'GAGATCC	AGGCGCAGCG	CAGAGACTTG	AGCTGGGACT	TTTCAACGAC
533401	TGAGCACAAAT	TGCTGTAGTC	CAGGCCCGCG	GGTTCAGATG	GAGTCTTGGG
533451	TGACACTTAC	CAAGTCTCAG	GTTCACTACA	CCACCGACTG	GCGGAGATTA
533501	CAGGCTACTC	TAAAGACACG	TCTGGGGTCC	CCAAAGGGAG	CGTGTAGAAA
533551	GGGTGACGGG	GTAGCGGGGA	GGATTTGAGG	GAGGTTCAA	ACTCTAGTGG
533601	CTGCTCTTCA	TCTTTT'TAGT	CAAAATCGGG	GGCCTTGT'TT	AGGACTGAGC
533651	TCCCCCAAC	CCCCCGGGCC	CGGGCTATCC	TCTGTTTCTA	ACCGCTTCTC
533701	CAGACCAGAG	TCTCAGTGGA	CATGTGGGCT	TGACCTTTTG	AGCTAACACT
533751	TACTTAATGCC	TTTGTAGCCG	AAGCTATCGA	ACCTAAAGA	CTCGCGGCCA
533801	CACCCCGGCC	TTTTTGCCCC	CCCCCTCCAC	CCACCCACC	TTCCAATCTC
533851	TGGCTGCAAC	CTATGTATGT	TGGTCTGTAG	AGT'TTGGGCC	TGCTTCGCGAC
533901	TGGTAAATAA	ATGCTATGTT	GCAAAAGCCG	CTCGCAGACC	GCCGACCGTG
533951	AACCACTGGT	AGGGGGCGGG	GCTGTGGCTA	GCCAAAGGGT	TGCTGTGTTCT
534001	CAACTCGGTG	GAGAGAACC	TAGGAGGCG	CTTATTGGTGT	ACAAAGCCTC
534051	GCCCTGAA	GGAGAACC	GTGTGTGTGT	GGGGGGGGGG	GCGGTTTGGG
534101	AAGTGT'TGGG	GTGCTPCAGG	CAGT'TTCTTG	CTGTCAGATT	TCCAGCATAG
534151	ATTGCGGGGC	TCTCTTGGAC	CACCC'TT'AG	GCTGTGCTAA	ACAGGCGAAA
534201	AGACACAGGT	CTTCCCCCTCA	GGGCTCACAG	GGCAGCCACA	GCTTGAATCT
534251	TCGAGATTGA	CAGT'TT'TT'G	ACCGGAAAA	GAAAGCAGAG	TTCAAGAGGG
534301	TCTCGCTGAT	GGGGATTACG	GAGGCTTTGT	GTACTTCTGC	AGAGGCCTTT
534351	GCCCTTCCAA	GGCTTCTGCG	AAGTAACCTG	GCATATGGCT	CTTGAGGATG
534401	AAGCTCTCTG	AGAGCTCTCT	TAATCACTGG	ACAGGATTTCA	AAGAGCAGAA

ACGGAGGGCT ACAGGAGTTG CTATTGTTTT GCTGTAAAT GAATCCGAGG  
AGGAAGGCGG GTGGTAGTGG TGGGGAGTCT TGGAGTGGAG AACTGTTGCA  
TGTAAGTTTA TTGTTGTACCA GGGTGCCTTG AAACATTTCC CCTAAGGTAT  
ATTGATATGC GGGTAGAAAG GCACTCCCTT CCGGCTTGC AAAGCACACC  
TTACCAATAA TTAGTCTTAT TATTCATGGA GAAAAAATAA GGCTTCCGGT  
CACTCGCTCC TTCTCTGCTA GGGCAAGCAC ATAGCCATT TATTTCACFA  
CTAGTATACA TTAGCAAATA CACAAAGAGC ACAGGTTGTA CCCCCCCCC  
CCAATGGTTT AGCCTTGCTG TAAGCATACA ACTTAATATT TAATATCTTC  
CTTTATATAT CTTTATAATC TAATCGCTAA TATTTGGTAA ATTCAGCTCT  
TTTTTTTTTT ACTTCTCTGT TGAAGAGCTT GAAACCTCCC CTGCCCCCCC  
CCACGCTCCA CGCGCCCCCA TTTTACTTTA AGTGTTAGGC AGTTTGTCTG  
TGGGGTTAAC AGCAACAGCT CAGAGGCCCA CAGCAGGTAA CTACCACGGA  
AGTCCAAGCT TTGCCATCTG ACAGCTGTGT CGATGTGCAG AGCCAAAAAC  
TTTTCTCTTGA CTGCATCTAC CTAGTGGGTA CTGGAGGACT CGGTTTCCCT  
CCAAACCCAG CATGCATCCT GAATACACTC AAAAGCCAGT TTTTGGCTCA  
ATCAGGTGTT TCGCTCTGCA TCGGGATGGG GAGGGCAGG ATTAGCTAG  
AGCTGTTTAT CCTTCTTCTT GAGAGAGAGC TGCCCCCTGG AAATCAAGCA  
AGGGAATAAC ACAGGCTGCC AAAAATCTGG AATAGGGGGG AAAATAAATA  
TTTCTCTTGA CAGGTCCCTG TACAGTGCTT CTGCTCTCTT TATTATTATT  
AGAATCCCA GGGCGCCAG AGCTGTGTGT TCTGAAAGAT GGGGCTCTCA  
CCCTCTGAGC TTGTCTCCA AGTTAAATGA ATACTCAGG TTCAAACAAT  
AGCTTTCCCTT GGCTGCACAG GTGGGAGCTG GGAGTTTGCC TTTTCTTCTC  
TTTTCTTTTC TTTTCTTTTC TTTTCTTTTC TTTTCTCTCT CTTTTCATT  
AAGTAAACTC TTTGCTCCTG GAATGCATTA AAAAGCTTTA ATGGGATTGC  
ATTTTAAGAA CATTGAAATG AAAAAAAT AGGTGGTAGT TTTGATGAAA  
AAAGGCCACA ATTTGCTAAC CAATTAAATA GGCACATTA ATACTTAAC  
CAACAAATAC TTGTTTGATG GCCTGCTTGT GTGAGCTGT GAGCTATGCT  
GGATGCCACT GACTGTGCCA GCAAAGAGAC AATAGCAGT TGCAACCCCTG  
TTTAATGGGG TCATGGGATC AGTGTGGCCT CGTGTGTTCAC TCACGGAGAA  
TGTTTGCTAGC GAGATTGCTT TTCTTTTTCG GGCTTGTGAA GTGTGTTTGA  
GAGGCTGTGT GAATTATAGG TGCTTGAAC AGGAGTTGGA GTGTGAAAC  
TCCATAGAGG GAGCCCCAGC AGACTGCAAC AGCTAACCTT TCCTAGCAAA  
CACAGGCTCT CCCACCCCGA TTTTCTTTCT TTCTTCTTTT TCATAGCAAA  
TTACAGAGCT GCCAAGGCTC AAGTGCTCTAG ATTTGCTTGC CTTCCTCTAT  
CCCCCTCTCT GCCAGCTGTT ACCGTGATGG CCCATCTTCC ACCAACCCAT  
GGTAATGATG GCACTGGCCA GGCAGTGTAT GGTCTCTTAT TCCTCAACAG  
CTCATCTCTG TCCCTGCTGA GGATTAATTT CTGAGATGCA ACGAGTGTGT  
ACTCAATGTT TCACACACAA GGCACCTCCC CCTCCCTCTC CCCCCTCTCC  
TCCTCTCTCT TCTTCTCTCT CTATTTCTTA CTTTGGCACC AAAATTTAGT  
GTGTGCTTTC ACAGAGATCA TCCGTTAGCT GCAGACCCCA AGGCCACCAT  
AATGGCAAT CTCTGCAGGC CCACTCTCTG AGGCCCCCTG TGGGCATCAG  
AGTAACAGGC CCTCCCGTAG AGAGTTTGTG GACAGCTTGA CACAAGTTAA  
AGTCACTGTA GAGGAGGGAA CCTCCATGTT ATTTGAGCTG TGGCCTGCAA  
GCCTGTAGGG CATTTTCTCA GTAAAGGCTT ATGGGGGAAG GACCAGCCT  
ATTGTGGGGG GGGCTACCCC TGGCTGCTAC TCCTGGGTTT TATAAGAAATG  
CAGGCTGAGC AATCCAGTTA AGCAACACTT GGTGTGGTGT CTATGGCCTC  
TGCATCAGCT CCTGCATCCA GGTTCCTGCC CTGACTTTCT TCAGTGGTGA  
ACAAATGAGG GAAAGGTGAT TTTAAGCAAA CCGTTCCCTT AGTAGCTTGC  
TTTGTATCAT ACTGTTTTCG CCCAGCAAT AGAAACCCCTA ACTGATATCC  
CTCCCATAAT GATGCTTCCG TGAGTCTTTC AGCAAGCCCG ACAGGCTGTT  
TCTGTGAAAA GCATCCCAAT TTCCAGATTG AAGAAGCTAT GGTCATAAAG  
AACATGAATG CCAAAGTCTT GAAGCTCAAA CCTAGGCCTC CTGTATATA  
GCTCTGTATT CTTTTGGCCA TCCTGGTCTT TCTGGAAATG TCCCTGAAA  
GTTTCCCTAAT TTAATAAGGC AGAAAAATGAT TGCCCTTAGG GCAGTGGTTC  
TCAACCTGTG GGTGCGGACC CTCTGGGAGA GAGGTGAATG ACCCGTTTGC  
AGGGTCAACC ATGTGAGAGA GCGTGTCTTT ATAGTGCAAT TCATAACAGC  
AGCAAAATTG CAGTAATGAA CTTAGCAATG AAAATAAATT TATGGGAAGG  
GGCGTGCAC AATATGAGAA ACTATTAAAG GTCACAGCT TAGGAGGTT  
GAGTAGCACT GGTCTACAAT GTGACTTTGA GAGTAGAGGG TACCTTCTGA  
AGACAGTATT TGCCACTAAT TTTATGTTGA CTTTAAAAAC ATTACATGGC  
TTATTTTCTT CATTAATGTT TACAATGTAC GCTGTGTTAG ATTAATATAG  
AAGTGAATGT TTTTAATTAT GTGCTTTAGT TTATGAAGTT AATTTAACTA

537551	CACCCCTTCT	GGCACAGGAA	TTCGCCGAAG	GTGTGTTTGG	GTCTGTGAAG
537601	ATAGATTATG	CTAGATTGTG	TPTGGCTGCCT	CAGTGTGGGT	CTAGGGTPTG
537651	CTATGGATTT	AATACAACCT	TTAGCCCTCT	GTAGAGGCTA	TTGTAATTTT
537701	TCATAGATTG	GCTTTATAGA	TGTAGTCTTT	AGTCTTPTCT	ATCTGTGTGA
537751	GGTAGATATG	TACACACCCC	CCCTTCTCTT	ACACTACAC	AACCTGTAGT
537801	TAATTTAGTT	GTCATGCAGA	TATGCAACCA	CAAGATGATT	GCATAGTCTC
537851	CACCAACAC	AGCCAAAGCC	CATGTCACCTA	CTGTGAGGTG	ATAGCCCCAG
537901	TCTACTTGGC	AGTGTTAGCC	GCTGACCCTA	AAATACAGTC	TTCTGTGTGT
537951	TATTACTTGT	TCAGTPTTTT	TTATGATCTT	GTACAGCCTT	TTTTTTTTTT
538001	CATCTGTAGA	CTAGATGGGC	AATTTTACCT	TTACACACTT	CTGCATAGCA
538051	AGGGGTGGAT	TAAACACAGG	CAAGTGTAA	GATGGAGCCC	ACTPTAGAA
538101	TGGGAAAAAG	CAATCATAGC	TGCTATPTCT	TGAGCAGCTT	TCATGGCTGG
538151	TTTTGTGCAG	AGCAATTTAC	ATGCCTTATT	TTCTGTGTGAT	TCTCAGTCAC
538201	CATATGTAGC	AAGGACTTTT	TTTATTATGA	TGATTTATAGA	TGAGAAAAAT
538251	GAAGCACTGA	GAGCTTCCGT	TAGGTTCTTA	TTGTGCCAA	AGCGAAGAT
538301	TTAGAGCTTA	TGTGATCGGG	CTCTAGGACC	TGGGTTTTTA	GCCATCTCTG
538351	TGGACAGTCA	GTCCCCAGCA	ACGATGAGTT	TTAGTGTPTA	GCCTATCGCT
538401	TGTGGGGCAG	GCGAGCCATC	AATTTGATA	ACAAGACCAG	CTGTTTGTAG
538451	TGTAFTGGAG	AGAGAATCCT	TGTTTGGGAA	CAGAGTTTTT	GAGTTTACAT
538501	CTCTCACCAT	GTGAATTTCT	GCTGTGGTCC	CCGTGTGGTT	TCTCAGCCAT
538551	TCATTTTTTT	GCTAATATTG	TTTTTGGCAT	TTGGGCTGPT	AAATAACCTT
538601	CATGAGTGTT	ACCTCTPTCA	GCCCCAGTAC	CTAGTGCAGT	ATCTGTGTGG
538651	CAGCCAGTCA	CTAAGAAGTG	TCPTATTGAAT	GAACAAGTGA	CGGCTCTTGG
538701	AGGATCAAAT	TGGAATAAAA	TGCACTTACT	ACTPTAGCGG	AATATPTGCC
538751	TGGTCTTGGT	CACCATATCT	TCCCTTACTC	GTCTTCTCTT	TCTTAATAGT
538801	TGATGTGTTT	AGGATTCCTT	CTCTTTCAGT	TCAGGGTTAG	ATGCTATPCT
538851	ATCTCATCTC	CCGGCTCTTC	ATAGCAAATG	CCAGCATGCT	TGTGTTACAA
538901	GTGTGGGAGT	CATCTTTGGC	CATAGAAACC	TCCGTGATTG	GTATTTCTGT
538951	GCTTGTATCT	ACAACATPTC	AATTTCTAGAG	GGAGAGGCTT	TTTGTGTAG
539001	GTTCAGPTTT	TTTAAACATG	GGTATATGGA	CCACCAAGTC	CAACATCAC
539051	CAGAGATTTG	CTAGAATGTG	AAATTTCTGG	ACCTACACATA	GAAATTCATA
539101	ATCAGAGACT	CTGGAAGTGG	AGTAAGGCTG	GATTCGTATA	AGTTTCTCAT
539151	ARAGATTGAA	TAAACATPTC	ATACTGCTGG	GGAGCTCCTG	AATCAGGAAG
539201	ACAAACAACAT	CGAATATAGT	TTGAAGAAGC	CTCTGAAGCT	ACCAGATPTA
539251	TGAGGTCCCT	CCCTACCAGA	CTGGAAGCTG	AGCTACAAGA	TCTTCAGACA
539301	AAGCAAGCTA	CGAAGAAGAC	TCTGGACCCC	ACCAGCTGCC	TGGAAGAGGC
539351	AGAGACCAGC	CAAGCTGTCT	AGAAGAGGTT	TAGATTACCT	GAGGGACCTA
539401	AAAAATGAAT	TCTTCAACCT	GTTGAGCTGC	CTGCAGGCTG	TGCAGTGCCA
539451	CTTTCAGGGT	CCAGCTTPTG	GAGCTGTCC	TCTATGCTGG	GTTGGGCTTT
539501	GTGATGCAGT	TGTTCTTGG	TCACTTCTGC	TCCTGTAAGT	GACCCCAATA
539551	AAGCTCACGG	TCTGCAAGAT	TGGTTACAGA	AGTTGGAAAT	TGTGTGCTAT
539601	GGCACTATGG	TCTGTCTATG	GCTGTCTCCC	TGGGTPGAGT	AGACAGGTGT
539651	GTAAACATTC	TCCAGGAAAA	GTCCTTGTAC	ACAAAACATA	AGGCAATTTT
539701	TGGGTTTCTT	TATTTTATTA	TATTCATTTT	CTATGTATGG	TTTATTGTCT
539751	TGGATGTGTA	TCTCGCTACC	ATATGCCATG	CAGTGCGCCT	GTGGGCTAAA
539801	AGACAGTGTT	AGGGCCTTTG	GAGCTPGGAT	TAAACAGGTG	TGTGTAGCTG
539851	CCATGTGTGT	TGCTGGAATC	TACTTGGGCC	TTTTAGAAGG	ACGACAGGG
539901	ATCTTAACTA	CTAAGCCATC	TCTCCAGCCT	TCAGTCTGTA	TTTTTAAACA
539951	GGCCTCAAAG	TGATTTGAAT	TCATGCTTCA	GGAAACGAAA	GTCAATTTCA
540001	TTTGTCCTCA	ACTGTGGTGC	CTGGGAAGGA	GGCATTTGCT	CATTTTCTCT
540051	CTTGTATTTT	TATCAATAAA	TGCTTACTAA	GTGCTCACCC	AATCTCTGTA
540101	CTCTATTTCT	TCTCAAACT	GGGATPTGCC	CACGACAGAC	CTAGGGCTGG
540151	ATTCCCTCAG	AGGAGAAATG	TAGAGAGGCT	AAACTGACCA	ACCTTGACT
540201	ATAATAGCAT	GATTTTCATCT	GTAACAGTGT	GACATCATCT	ATAATAGTGT
540251	GATGTCACT	ATAATAGCAT	GACACCATCT	CACCTTCCCT	AAGGTTCTCT
540301	TATGACTTCC	TTAAATATGT	TGAGGCACAT	GAAGAACTG	AGGCTTCAAA
540351	GCCACCATGG	GGACAAATGG	TTGGAAATCAT	GGGCTPAGTT	TATTTACCAG
540401	AGCCAGGGGA	ACAAACAACA	TGGACACCTT	AGGTCATACCA	CTTTTCTGTC
540451	TCTCACTCGA	AAACACACTT	CTAAGAGATA	ATGATAAAAT	AAAGTATGAT
540501	TTTGATCTGA	TATACTCACA	AATTTTCTTA	TAATATTTACC	TTCAATGAAT
540551	ACTAATTTGC	CGATGTCTTA	GGGTTTTCAT	GCTATGAATA	GACACCATGA
540601	CCAAGGCAAC	TCTTCTTAAA	CACAGACATT	AATPAGAGCT	GGCTTTACAG

540651	TTCAGAGGTT	CAGTCCCGTA	TCATCAAGGC	AGACATGATG	CAGGCTGAGA
540701	GTTTTACATC	TTCATCTGAA	GGCTGCTAGC	CGAATATTGA	CTTTCAGGCA
540751	GCTAGGATGA	GGGTCTTAAA	GCCCACACCC	ACACTGACAC	ACTCCAAGGC
540801	CACACPTCC	AAATAGTGCCA	CTCCCCGGGG	CAAGTATATA	TGAACCATCA
540851	CAGCCCAATG	TCATGTTTACC	ATAGCTGATT	CCCCCTTCCC	CAACCCCCAT
540901	TACTTGAAAT	TAGCTTTCCC	CTGCTCCTTC	CATAATATAT	CAGGATTACA
540951	GTTATCTCTG	TCCCTCTATT	CCTCTCAGTT	CCTCCCCACC	TCCCCAGCCA
541001	CCCAGGTTCA	CCATCTTTCT	GTCTCTCACT	CGAAAACAGA	C1TCTAAGAG
541051	ATAATGATAA	AATAAAGTAT	AATAAGATAA	CAACAGAGCT	AATGCATCGG
541101	AATAGGACTA	AACAAACAGA	AGAAAAAGAG	CCTCCTAAAA	AGGCAACAAG
541151	AACAGATATA	GATGCAGAGA	CACACACCCC	TTCCTCATTC	GCCATAATCC
541201	CATAAAAAACA	CTAACTGGGA	GCCATAATAA	GCAAAGGACT	TACAAGGTAG
541251	ACATTTTACAC	ATATATATTA	TATTTACATAT	AATATATACA	TGTGTATATA
541301	TATCCCTGCC	ACAATATTGT	GAGATGAACT	TCTAAAGATG	CCATTGGACT
541351	CATTTTCTAT	TGGCCATCTA	GTGCTGGGCA	TGTGGCCTAC	CGTGAAGAGT
541401	AGTTTGTTTC	CCGAGTAAGA	CTGCCTTGGA	GGAAGCTAAA	TTTTCATTTT
541451	CAAGCGGTTA	TCAGTTGAAG	GTGGCTTCTG	GGCTAGAGAT	GGGGACATGG
541501	GTACACTTCT	CTTTTCTGCT	GTAGGACCCC	ATGTGGGCACA	GAGCAGTGCA
541551	GGCTCTGTGT	GTGCATGCTG	CCTCCATCTC	TGTGAGTCTG	TGTGTGCATC
541601	AATCCTGTGT	ATGTTCCCGG	GAGAGCCTCC	ATPCCCTCTG	GTCCCTTATAC
541651	TCTCTCTGCC	TCTCTCTCTG	CAGGGTCTGA	CGCCTGATTG	GGGTGGGGAG
541701	TGTTAATGGA	GACTCCCGTT	AAAGGCTTAG	AGTTTCAACA	GTAGCTGGTT
541751	TAATGTATTA	GTTCCTCTGC	TCCACTATTG	CTTGGAGTGC	TTTCTTCAGA
541801	GAAGTTAGTG	GTGGGGAAC	TTGGCACTAT	TTTATAGCCA	ACAACCATGC
541851	TGTTATACAG	ACTTCAAAAC	TTTTCGTGTA	AGAGCCAGGT	TGTTAACAPT
541901	TTACTCTTTG	CAAACTACTC	TTAATCTCTT	AATATGTGGT	AATCTCTTAA
541951	TCATAGCTAC	TGACCTCATG	TTGTTCTCTG	AATGAAGCCA	GGGATTGGTA
542001	TATAAATAAG	CCCACAGAGC	TAGGGCCCTA	TGAAATATTA	TGGACACTGA
542051	AACCTGAAAT	CCTTCTCATT	TTTATTTGTC	ATGAAATTATT	CTCACCCCTC
542101	CCCCTAAAT	TCAAAATCAT	TAAAAACGTA	AGAACTACTC	TGTGCTACAA
542151	GGCTATTCTG	ATACAGGCCA	GATGTGGCCC	ACTTGTGAGT	GCTTGCCAA
542201	GGCTGCTCTC	CTGGAAAGTT	GGGGAGGAAA	GCAAGCCTTC	TCCAAGGCTG
542251	CTATTCCATC	TAGAAGGGGC	CATGACAGAA	GGGCTTGAAA	GGCCTTGAAA
542301	AGGGTGTCTC	CATCAGCAGA	GGGAGACCCA	GAAGGCTCCA	GAGCAGGGGC
542351	AGGACGCTTG	AGCGGTGTCT	TGAAGCTTAG	TGGAAGAAGC	AGACAAGGGA
542401	TGCTGTGAGA	GATCCAGCCT	TGCTCGCAAG	TGGGATGTGT	AATGAGTCTC
542451	TGAGCCACAA	GCCACTTACC	CTGGCTGGGG	AGTGTCCAGA	ATTGAGTGTG
542501	CAGGACCAGA	TGGCGAAGGG	CATAATGAGA	CAAGCAAAAG	TGGGTAGGTT
542551	TACCCGGATG	GTACACTTCA	GACTTTCCAA	ACCTTGCTTT	TAAATATAAA
542601	CACCTTGCCA	GAAAGCTCCG	GTGTTCCAAA	AGAACAGCGG	GTCTCTTTTG
542651	ACCTTGCTGT	CCAGGAAAGA	GCCTTGCCAA	GTTCAGGGGT	GCTAGGTGAA
542701	GCAGGTTGCA	AAGTCCCCAG	ATCCACAGC	TTGCCCCACC	CCCCACCTGC
542751	ATCCATGCGT	CATCTTCGGG	ATTTCTGCTG	AGCTTGTGG	GAAGACCAAG
542801	ACTGAGGATT	TAGGGAGCAG	CAAGAGGTTT	AGAAGCACAC	CCAACCCAG
542851	TGTGTTCTAG	AAAGATCACT	CACGATAAAG	TGGGTAAAGC	AACCTGATTAC
542901	AAGGACAGCC	ATTGGTTTCA	ATTGGCTATT	TCTGTATTTT	TTTATATTTC
542951	AGGGGCCAGC	CGTGTGTGAA	AGCACCGCTC	TCAGCACATA	ATAGGGAAGA
543001	TAATAAACTT	GTAGCAAATA	GGTATTTTTC	TTTTCATTTA	AAACGATAGC
543051	TAAAACTTTA	GAAGATGCCA	TATAGCACTG	TATCCCTCTA	ATCCTTACCA
543101	TACTTTTACG	AAGTGAGGGC	TTTGTATTCC	CCAATTTCGA	GATGAGAAAA
543151	CAGTGATGCG	TGTTAGGGGG	AGGTGGGGGT	GTGGGGGGGT	GGGGAAAGTT
543201	CTTCTGAAGA	CAACAAGAGC	TTCTTGAGAG	CCACAACCCC	ATCCCCACCC
543251	CCGCTGCGCA	TGCCACCAT	AGCTGGGTGC	CTACTTTGCC	AAGAAACCTG
543301	AGGGCCAGTG	CAAGTGCTCA	TGGGAGGACA	CCCTGGTCAG	TGTAAGAGAGA
543351	ACCTTGAGTG	TAGTTAAGGG	TGTGAGGGAG	TGAAGAGGAG	AGTGGCAGTG
543401	GGCTGTAGGA	CGAAGTCGCA	GCCCTTCCAA	CAGGACCCCC	TAGGCTGTGG
543451	GAAGAGATTA	GATTTTAGTC	TCAAAGCCTG	GGAGAGCTTT	TTGAAGGGAA
543501	GCAGGATGAT	TGGATTGAA	TTTCTAAGTA	ATGGCTGGCC	TGTGGGGAAT
543551	GGCTGGCCCT	GTGGAAGGAG	GAGAGCCTGC	AGGAGGCTCT	TACAGTATTG
543601	CCGGGACAGA	AATGATGTTG	CTTCTAGCCA	AGAGTGAGAA	GAGAGGATGC
543651	AAATGGACTG	TTATTACTG	TCATAAGCCG	ACGGATAATG	AGGACCTGAA
543701	CTGCATTCCG	GCCATGAACA	CAGAAAGGAA	GGAGGGGATG	AGATAGCTCA

543751	TTAAGGAATG	GTATTGAAAA	GTGTTGGCAG	CCCGTTAGAA	GATGACTTTA
543801	ATTGCTGTTG	GGTTTTGGTT	GCCTTTGGGA	CATCCGAGAA	GAATGATAAA
543851	AGAGGGCATTT	TGACAAATTT	TAGGAATTTG	TTCCCCCAAA	CTTAGAATAT
543901	GTTAGGCTCT	TTTAGGCTCA	AACAGCCCTA	TTTGGAGCTGT	GTGTGCCCTG
543951	AGTGGTATTT	TATCTGCTC	TCTTTTGCTA	TAACGAAAGA	CCTAGATCAA
544001	GCTATAAAGA	TGGGAAGTTT	ATTTGGCTCA	GGATACTGGA	GATTGGGAAG
544051	TCTATTGCCA	TGGTCCCTGG	ATTCAGCGAG	GGCTTTCTTG	CTATATCTTC
544101	ACACGGGCAA	GAAAAGTGGG	TGCAGCTCAA	ATACCCCTTT	CTGTGGAGGA
544151	AGCCCACTAA	GTCACTCTTT	TGTAGAAAGT	ATTTTATTTT	ATTTTATTCAT
544201	ATTGGTCTTT	TGTCTGCATA	TGTGTCTGTG	TACTTTGTGT	GTGTGCGATG
544251	TCTGTGGAGG	CCCTGGAGAG	GGCATCAGAT	CCCTGGAACG	GGGTGTACAG
544301	ATTGGCATGA	GCCACCATGT	GAGTGCTAGG	AATTGAACCT	ACTACTTCTT
544351	TTGCAAGAGC	CATCTCTCCA	GCCCAATGTC	CATCTAATCT	TAAACGTCTC
544401	CAAAGGATCC	CACCTTCAAA	TATGAATGAC	ATGTGGATAT	TGGGGTTCTG
544451	CTACTGCAGC	ATGACATCTT	GGAGGACACA	TTCAAATCAT	AGCAAGGGGA
544501	GTGGGCTGGC	TAGTTCATCC	CATTCTTTCC	CATGATGCCA	TCGAAGCCAC
544551	AGTGATTGAA	CCCTTAGCAA	ATGATTATAC	AAACTGCAAA	GAAGGCTCTC
544601	CTCATCTAGT	GGAAAAGACA	GTGATAAGAG	GGGGCTGAGA	TAAAGGGTTC
544651	CAAGATGGGG	CTGTGTTTAC	AGGAATAATA	AAAGCCAGGC	AGTGTGAAAG
544701	GAGGGGTGTT	TCTGGGGACT	TCCTGCTCAG	TAAGGCAGAA	TTTCTTGTCA
544751	GGGCTCTCCT	ACCCCAAGCC	TGGCTGAAGA	TAGTGTGTTT	TCGAACGCC
544801	AGCTGTTCTC	CATCATTTGCT	CAGTGCCCTC	CCCTGAAGGC	TCTCTCTTTC
544851	CATGTTGACC	CCTTTTAAGA	ACTGGATTCC	AAGTACTGAC	CCGTGTTTCT
544901	CTGAGGACGC	GGGATGGGGG	AAAGCCTGAA	GCAGCTGGTA	ACCACGGGTG
544951	TCGTCTTGTT	TCAGGCTCCC	ATACTCAGCA	ATATTTCTTT	TCTTAAACCT
545001	ATGGGAGTCT	TGTGCCATGG	GCCTCTGATG	AAACCCATAG	CTCTCAAGCC
545051	TATTTTAAAT	GCCTCAAATA	ATTTGGGCTG	CCAAGTAAAC	CAATTATATT
545101	GCTATACAAA	GATGTTACTG	TGTAGTAATA	TATCTTAACA	CATTGAACAG
545151	CTAGGTTCTAG	CAGCAGCAAC	CACATAAATC	TCAAAGTAGA	GATGAGCTTA
545201	AATGATCTCT	TGAGATATTC	GCAGTAACTA	TGAAATGATA	AGAAAGTGTC
545251	TGATTTCTTT	TGGTGACAA	GCATGGCTTC	ATTTAATACT	CGTGTGAGAT
545301	GAATCCAAT	TAGGGGAAAT	GCTGCTTCAC	TTAGAGCTGA	AGTAAAGATG
545351	TACCTGCCTC	CTCGCCTGCT	CCATGGATTCT	CTTGAATTCT	GGGCTGAAAC
545401	TAAAGATATG	AGTAGAACTT	CCACTCTGAA	CCATTCAATC	ATTTACGTCT
545451	GAGAAACCAT	AGTGTGAAAT	GTAAAGTGTC	TCATTTTGTT	TCAAAGCCCC
545501	CTTGATTTAC	TTCCTATAT	TTGTGAGCTT	ACTCTTATAT	GTATTTATAG
545551	AGCAGACATT	TAGCCAACAA	CAAGTGAATG	GATGAATGGA	AAATATGGATG
545601	GATGGATGGA	TGGATGGATG	GTGGATGGA	TGGATAATTG	GGTAGGTGGG
545651	TGGGTGGGTA	GATAAGTGGG	TAGATGGGTA	GATGCATGGG	TGGATGGATG
545701	GATGGATAGA	TAAAGTGGGT	GATGGTGGAA	AAGTGGGTAG	ATGGGTGGAT
545751	GAACGGAAT	ATGGATGGAT	GGATAAGTGG	GTAGATGTGT	GGATAGATGG
545801	ATGGATGGAT	GGGTGGATGG	AGAGATAAGT	GGGTAGATGG	GTGGATGGAT
545851	GGTGTGGTTG	GTGAAAGGAT	GGTGGGTGA	TGGTAGGTG	GATGGTTGGA
545901	TGAATGGATA	GATAGGTAAG	CAGATAGACC	AGGTAGGTGA	ATGAGTGTAT
545951	GGGTGGTGGG	TAGAAGGATG	GATGAAGAAA	ATTCAGAGAG	GAGAAATGAC
546001	TAGTCTAAAT	TCTCAACTC	CTAAGAAATA	GAGCTTGACT	GTAGATCTGA
546051	TAGTTTAATC	TCTTGTATAT	ACTTTAGAGT	TGAAATTTCT	AATTTCTTCT
546101	ACCCCTCCCA	GCTTCACTAG	TAACTTTTCT	AGTTGAAAGA	ATGTTAGCGC
546151	CGGGCGTGGT	GGCGCACGCC	TTTAATCCCA	GCCTCGGGA	GGCAGAGGCA
546201	GGTGGATTTC	TGAGTTCTGAG	GCCAGCCTGG	ACTACAAAGT	GAGTTCCAGG
546251	ACAGCCAGGT	TACAGAAAAAC	CAGTCTCATA	AAGAAATGTA	AAATGAAGAC
546301	AAGCAAGGAA	GAATGTAGCT	ATAGTCACTA	GTATATAAAC	GCCCTGGCAT
546351	TCGACCTCTA	ATACTCATAT	GAAGTCACGA	ACAGGATTTAC	AGCTTATAGC
546401	ACGGGCTGTC	AACTGGAACC	ACGCATAAGC	AGGAAGTGCC	TGAAGCTAGA
546451	AATCAGCAGC	ACGTGCTCTG	AAGCGACTCT	AATTTGGTACG	CAGGAGCGCA
546501	TAGAGCTGAC	ATAGAGAACA	CAGAGAAGGA	CGCGAATGCG	GGCACAACAA
546551	TCAGGGCGAGG	GATGCAAGAA	AGGCACAGGC	GAAGGAACAA	CGACAGAGAC
546601	AGGACACAAA	CGGAAAAGCA	AGAAAACAAA	CAGAAAGAAA	CCAGAAAGCA
546651	AAGCAACAAA	ACCACAAATG	ACAATAACAA	CAAAAGACAA	AAGCATGGAT
546701	GAACAGGAAC	ACGAAAAAGC	GAACAACACA	GATCCAAAAG	ACACCACAAA
546751	AAAACACGGA	CACAAAAGAC	ACACAGCACA	GCCAGTAACA	CAACAGGACA
546801	CAAAGCAGCA	AACCACACCA	AAGCAACGGG	CCAGCCAGAA	AAAGAAAAAA



546851 AACCAAAACAG CAGCAGAGAC CACACAAAGA AAAGCACACA AAGTGACCCA  
546901 GCCACATAAAA CAAACAGAAA CAAGCACACG CACCACAAAAA GACAAAAACAA  
546951 GAAGAACAGGA AAAAAAACAC AACACAGACA ACAACAGCCA AACTAAGXXX  
547001 XXXXXXXXXX XXXXXXXATA CTCATTTTTT TTTTAAGACA GGGTTCTCT  
547051 GTATAGCCCT GGCTGTCCTG GAACCTCACTT TGTAGACCAG GTTGGCTTCG  
547101 AACTCAGAAA TCCTCCTGCC TCTGCCTCCC AATTTTTATT TTTATATCGT  
547151 ATTTT'TTGT TTTGT'TGTG TGTGTAT'TTG TAAGCATATG ATGGTGCACA  
547201 TGTGGGAGAG AGAAGT'TGTT GTGTGTGTAT GCATGAGCAT TGCATGGTGT  
547251 ATXGTGTGGG GCCAGAAGTT GTTGTGTGTG TATGATCATG CATTGCATGG  
547301 TGTACGTGTG GGAGCCAGAG GATTACCTTT AGAATCAGT TCCCTCTCTC  
547351 CACATGTGGG TCCTAGGGAT TGAACCTAGG TCCTCAGGCC TATCAGCAAG  
547401 TGCTTTTACC CACGAAGCCA TTCCCTAGC CCTGAATTAA GTTATCTTAA  
547451 TTAATGAGAG AGACAGCTTC TTTATTTTGT TCAGAGCATG TGTCAAAATAC  
547501 TTTGTCTGT TCTTAGAGTC ACAT'TATTTT ATTTTGT'TAC AGTTCGGCT  
547551 TGTATGTTGT TGT'TATGAGG CCATGTGTCT CCATACAGCC CAGTCTAAGC  
547601 TTAAGACTTG AATGTAACC CAGGTTTGCC TCAATCCAT GATCTTTCTC  
547651 CCTTAGCCTC TTGGATACTG GGAAATAAAT GTGTGCATGA CCACAATGG  
547701 ATTTAGAGAC ACATTTTAAA TAGTGGTACA CTCAGTTACT AGGC'TATCTA  
547751 TGGATCAGAA GCTGCTCTTT GTGAGTTATT CATAAGCTGT GGATATGAGA  
547801 TTAGGTTTAG ATACCTGGTA TGAGAATGTG GGGAAATAGTA ACTTACTATC  
547851 GCTCCCAAC CAGACCAAG ACCCACTGTT TACAAGGAC AAATCTTGCC  
547901 TCGGTGAAG AACTCTGTAA TGATTAACC TACTTAGCAG TGTTCCTTAC  
547951 TTGCTGTATG AGATATTGAT TGAAAGTATC CAAACATTGA TCTATGTGT  
548001 TATTTATTCA TTCAATAAAC ACTTATCGAC ATCTTACTAC AAGCTGGATG  
548051 CTGAGGTGGA GGCTGCTCTC AAAC'TAGAGA ATAAGACAAA CTGTGGTAGA  
548101 GCTCAGAGTC TTCTGGGAGA TAGACAATAA GTACAATTTT TAAAACAAT  
548151 ATAGGTATTC TGAAGGAAAT GAGCTGACTG CTATGATTCA GAGTAAGAAC  
548201 CGGGAATGAG GAGAGACGAG TTCTGGGTTT GCTGAAGAGT TAGCTTAAAA  
548251 TCTGAAATPAT CCAAAGAGT CGGTCCACAG GGAACCTGGG GAGAAGCAGC  
548301 AAAGAAATAG CGTGTGGCGA GACCTGAGGT GGAAAGATGG CAATGCATCT  
548351 CTGAAGAAGA GCTGCTGTAG GAGCAAAAGC AGCTTAAAGG AGGAGAGGTA  
548401 AGGGATGTCT CTGCAGTCAT CAGGGGACCA GCACAGGTGG GGTCTCAGGT  
548451 CTCTGGGTAT AATTCTGAGT GTAATGGGCA ACAT'TGAAGA CTGTTGAGGA  
548501 AGGCTCTAAT TGTCTTAAAG ACCACCTTGA CTGACAGGAT GAGGACAAGT  
548551 TGTGCTTTTA AGTGAAGAAA CAGTTGATCA GGAGGGAGGT GCTGGGAGCT  
548601 CAGCCTGGGT AGATGCCATG GAGAGGAAGA GGAGGATGGG CTGGAGAAAT  
548651 CTGGAATAAT TGGCTTGGAT AACAGAGCCA GTCATGGGAG CAGAATCTCT  
548701 GGGATTGACT GGTGGTCCTG TTGACTGTGT TGAGTTAGTG TTAGGGAACA  
548751 GAGTAACAAG AGAGAAGCC TAGACAGCAT CTTTCAGGAA CTCTGAAGCC  
548801 GTGCACGGAT GGGGTGGTTC TCATGACACA ATGACATCAG TGTGTTTGGG  
548851 GAGATTGGGG AAGGTACTTG GCAC'TGTCTG CACGATGTA GGGGGCAGTT  
548901 CTGGCATCTT GTGGAGAGTA GACCAAGATG GCCCAAGAGA CATACCTCAA  
548951 GATGGAAATG ACTCCA'TCA GAACACCA'TT AGCTTTCTCG TGGACAGATT  
549001 TTGGTGGACT ACCTCCTTCG GTTTAAGAGG CTGGAGGATC CCGTTTCCAT  
549051 GCTGCTACAC AITCATAGCT TTTGGGGAAT GATTTAAGTT GTCTTTCAA  
549101 AAACATTTAG CTGAAATTAC CTAGAGGGA GAAAGAGAT GTGATGTAAC  
549151 AGGAACATAA AACC'CGAAGG AGGAAGTAGA ATGGTCTTGG AGAGGGGGCT  
549201 TTAGCAGCAG TTAGGATGAG GAAGTGGACG GAAGTGGAG GGAATGAAG  
549251 GACATGTGAA GTCTGTGCCT CTTTCAAGTG TCTTCTGCAG GGGAGCTATC  
549301 CCCTGAGACA TTGTACACA GCTCTTCCCT CAGCCCCCTT CTGCATCAGC  
549351 CTCTGACACA CCTTGGGTTT TCTGAATCCC TCTGAATCCC TATGAAAAAT  
549401 TCCCCTTGGA TGGCCCCATA CATGTCATAA ACTTAGCTGG AACCCAGTCG  
549451 ATGCTGTCTG TTCCAGAAAG ACTGGAAGAA CGTGACAACC TGAGCAGCTA  
549501 ATGAAGTCCC ACTCTA'ACTT GAGTAAAAGG TT'TGT'TGTT TGT'TTGGTT  
549551 TGT'TTGT'TT CCAGTTCTTT AGCTTGATGA GCATGACTTC CTAATPATTT  
549601 TCATGCACAC GATGTC'ACTT GAGTCTCGCG GCAGTGCTGG AGCTAGGCGG  
549651 GGACAGGAGT AGGGATGTGT CCAT'TGTACA ATGTGGTGAC CCGAAGAAAC  
549701 CCAC'TGCCCC AAATCAAGCA GACTGTCAGA GACTGA'AAAT TGGAATTCAG  
549751 AGCTT'ACTA ACCGGGTCCC TGATGAATCA CAAATAGCAA AGGATGGAGA  
549801 GCTGT'TTGA AAACAAGAGT AACC'CAAGG AACAAGATC AAGATGA'ACT  
549851 GCCCAAGAGG GCATTTTATA AACCCGAGAA ATTAATAAGC ACCAGCTGCC  
549901 ATTCAITTCG CTTTGTCTTA TAAGGAAAAA CCAACCTCAG GAGTCTTCTT

549951	AGCACTGGGT	TTGAGTAAAA	AGCTCAACTC	TCTCTCTCTC	TCTCTCTCTC
550001	TCTCTCTCTC	TCTCTCTCTC	TCTCTTTCTC	TCTCTCTCTC	TCTCTCTCTC
550051	TCTCTCTGGT	CCCAGCACTG	GAGGCCAGC	TTTGTGGATA	TTTCTCTGTG
550101	GCCTTACTGC	AGGAACCTCA	TTGGGTAGAC	CTTGTATGGC	ATCTTTGGTC
550151	ACCTAGGAGG	CAAAGCTGAG	GCTGCCTTTT	CATGTCCTAG	AAATCATGAC
550201	TGGTGCTCCC	TTTGGACTTG	TGCAGTGAAC	AGTGTGGACC	ACAGCTCTGG
550251	TGATCACTGC	AGACAAAAAT	AGTATGACAT	GGCCATCAAA	CTACTAGATA
550301	TGCTCACTAC	TCCTTATGTA	CTGGCCTGCA	TGCAATGCACA	CACACGGGAA
550351	CATGTCCCATC	AGCCCATGGC	GTGTTCCCCA	CCCTTCGATGG	CCCTGTCCCA
550401	GTTTGGCCATG	TTGGGTCCAG	ACCTCTCAGT	CTAATCATCA	TTTGAGAGAA
550451	GGGTGCTTTT	TCCTCTGGCT	GAGAGAAGTT	TCCCTCAGT	GAGAGCTAAA
550501	CTGTAAGCGT	CGGAGTGGTT	ATGGTGAGAC	GCGGCAGGAA	GGAGAAGTGG
550551	AGGGACAGCT	CTGAGGGAAC	CGGGAAAACC	CAGAGGGAGA	TGGGGCTTAG
550601	AGCTGAATCG	AGATTGGATT	TTGTCATGAA	AGACAGAAGT	GGCAAAAGCA
550651	TCATTATGAG	GCATTAACCT	TGTTACACAC	AGACGAACAA	GCAGAGGCAG
550701	GGACTCGGAG	AGAAAATTACA	CATAATAAAC	TAGGCAGAAT	GGGCTGAGAG
550751	CAACATTAGC	AATTACACCC	TAAGGGGAAGA	GAAGGGCAAA	ATAGAAGACA
550801	GGCCAGAGGC	AGGAAGAGAT	GAGAATAAAT	TCTGGACACA	GGGGGCTAAT
550851	TGCACGATTT	CCCTCTTTT	CTGCTTGACT	CCCTAGGATTA	GAGGTTCCCG
550901	TTTGTGAGGA	GGTTTCTCTG	AGGCCCTCTT	TCTTCTGTTT	TTCCCTTTGC
550951	TAAATGAGA	GTAAGAAAAG	CATTTCTGAGG	GTTCCTTTCT	CCATTACAG
551001	GGACCTGTCC	ATTTCTCTGT	GTTTTTAGCA	CAAAAGAATC	CATTTCCATT
551051	CATCCAGACC	GGTCTTGGGA	GCTTGCTGGG	GGGTCTAAGC	CTCTGCCCTC
551101	CTCTTTTCTC	CAGGCTCAT	AATTAGCCAC	AGAGTCTCTGA	CTACTGCGAA
551151	GGGCTCTTTG	GCTGGCCAC	TGCTAGATCC	AACAAGTTAT	GGTGTGTTAT
551201	CCTTAAACAG	TGATTTTCAG	GAAATCCCAT	GGCAGCTACT	GTGGTTAACT
551251	TAGTGA AAAA	TCTGTCCCCA	AGAACCTAGG	GCCCATTGTG	TTTCTCTCTG
551301	GCTAATCTCC	ATGAGCTGGT	TTTCGTCTCT	CATCTTTGGAT	TTAGTGGAGT
551351	CAAAATGTCT	TCCTTTTCT	ACGTGCATAT	CTTATGCCTC	TTGTAACCTG
551401	ATCCCAAGGG	AGGGCATGAG	AAAGATCCAA	CAGCTCACCT	GCAGAGTTT
551451	ATCAGTGAGG	AAACTATATA	GCCAGGAACC	CITCCAGGGA	GCCTCTTAAG
551501	TCTCACTGAG	TAGCCCTGGG	AATGGACAGC	CATAGTTCTC	TGFGAGATAG
551551	GAGGACAAAT	GCCTGGTAAT	GGTGACTGGA	ATCACCATT	GGTTGGACCA
551601	ATTATGGCTT	CTGTCTAGCT	TGGGTATTGT	TGATCTGTAAG	GAAATTTGTA
551651	AAGAACAGCT	AGCTGTCTTG	GGTGTGGTAG	CAACTGTTTG	CCTTTPTTAA
551701	TAAGGTAGTG	GCCACAAGTA	CAGCTTACTT	GTGTGTAAC	GTGTGTACAG
551751	CATTTTACCA	AACGAATTCA	TTTAGTCTCT	ATAAGAACTT	AACAACGTGT
551801	AAGAAGAAAT	GTTATTTACCA	ACCCTTCCAC	GATATAGAGC	AGTAGTTCTC
551851	AACCTTCTTA	ATGCTATGAC	CCTTTTATTA	CACCTGCTTCA	TGTACTGGTG
551901	ACTGCCAACCC	ACAAAAGTAT	TTAGTTGGTA	CTTCATAAAT	GTAATTCGTC
551951	TACTCTTATG	AATCGTAAAA	TATCTGATAT	ATGATTTCCC	ATCCCCACCC
552001	CTGTTGAGAA	CCACTTGTTA	TAGGGCTGAA	ACAATACATT	TAAAGTCCCT
552051	TAGCTAGACA	ATAACAGGGC	CCAGGCTCAA	CACAGGTATG	GGGCTCTTTG
552101	CTTGGA AAAA	TGGTAAGTAC	ACACCGTATA	GCACCTGAG	AAATATCCATG
552151	TGCTAGGTAG	TATTACTCAT	ATGATCACTT	AAAACCCACT	CCCTGTAGCT
552201	CGAGCCCTTT	AATACAGCTC	CTTATGTTGT	GGTGAGGCTT	CTACCCCAAC
552251	CATAAAAATT	TTTTCACCTG	TACTCCATAA	CTATAGTTT	GCTAATCTTA
552301	TGAAATCATA	TGTAAATATC	TGTGCTGGAA	AGCTGTGTGG	TCTTAGGTGA
552351	CCCCATAAAA	AGGGTTGTTT	GACCCCCAAA	GGGTTCCCAA	CTATCAGGTT
552401	GAGAACCCAG	GACTTAGAGT	GTCACTTTCT	TAAGTAGCCC	AACAGTCAGG
552451	CACATTGGCC	TTATCAGACA	GTAGAGAAA	CCAACCTAAC	TCAGATTCAG
552501	TAAGTCACCA	GGTTTATCCG	GTGAGCGAGA	ATTGAGTTCA	AAGGCAGAGT
552551	AGACCCGGGT	GGTTTGTCCC	ATCCCCACCG	TCTCTCAAGT	AATACAATAA
552601	TGAATGATTG	CAATTCTGTAG	CTGTGCTTAT	AGTCTCAGGC	TTATTTGAAA
552651	ACTACATCTT	TTGGGAAGAA	GTCAAGAGTC	AAAGGAGAA	GGGAATGGTT
552701	TFPCTCTCTG	TCTGTCTCCG	CTTCTGGCCA	GCCTATGTGA	CTTGGGGAGA
552751	GTCTTTTGGA	AGCAGGCTAT	CTCCCCAGC	CTCAGCCAAA	GCCTACCCAG
552801	GCCAGCACTG	TCCATGGATA	ACTGGAACAG	AAACGCCCTAT	TTGGTTCCCTA
552851	CCGCAGACCA	GACCTAAGAC	TCCAGTCTTA	CTCGGTACTT	GTGGGTAATC
552901	AACAAATCCAC	AGCCCTTATT	CCTTTGTGTG	TGATAAGAGG	TGTAGTCCCT
552951	TATTAAGAAA	TATGATAGTG	TGAGAGCATT	CTCAAAGCTC	AGAAATGATG
553001	CCCTAAATCT	CTGACTTCGC	TTCTCTATGA	TGCTCAATAA	AACAATAAAT

553051	AATAAACACA	ATAAATGATC	TTACATTGG	ACAATTCTGG	TTTTATTTTA
553101	AGCCAGGAT	TGTGATGTGT	CTGTGGGGTG	GGGTTTTTTG	TTTTGTTTTT
553151	CTTTTTTCCT	TTTTTTTTTT	TTTTTTGGTT	TAAAGGTCAT	CCAACTTTTT
553201	TTCTGCTCAT	GATCACGAGG	CTTCCCTATC	TAAACAGAGG	TCTATGTGTC
553251	CAGTCCCTCAG	ACCTACAGAG	ATCTTTTTTC	CTCAACTTCA	CTTTTAAACAG
553301	GATAACTGCT	CAACCTCCCC	AATGGCAAGA	GACGTAAGGT	CTTTTCACAG
553351	GAAACATATA	ATGTCTAATG	GGCATTCCAG	AAGTCTCCTT	CAAAGGGAGT
553401	TTACTATATA	GCATTTTATG	CAAATGAGAC	ATCTCTCTAG	GCTGTGGCAT
553451	TCCTTCCTTG	AAACAAGCCG	GGGTATCGGA	GGGAGCTACT	CTCCTPCATT
553501	ACCATTTCCT	CACAGGACAA	CATCAACAAA	GAAATATCGA	TGGCGCTTTT
553551	AAAGCCTTCA	GAATCAATT	TAGTCCATGA	ATCTATTATT	CTTTGATGTT
553601	AATGAAACTT	GGTGGCTTTA	AAAATAATGA	ATATTTAATA	AGACATAAAT
553651	TGAAAGACAT	AAACACTGTT	GGCAATAATA	TAATGAAATT	AATAAGTCTT
553701	GGACCCCCAT	GTCATCTCC	CTGCTCCCCA	AATGGCCCCA	TCTCAGGAGT
553751	CTCTATGATG	TTCACTGAAG	TTTGCTGCCT	CTCATATTGG	CGCGAATTTA
553801	AATGCGCCTT	TGAAAACCGT	AATACGGTTG	GGAATCGGGG	TGTGGCAGAT
553851	AAAGTGAAGT	ATCACACTGT	GTTCAGTAGC	TGCAGTGGGC	AACGGCTCTC
553901	TCCTAGCTCC	TATCTTTCCA	GAGATTTGTG	TAACAACATC	GGCTTCCTGT
553951	CTTGGAGGCA	CGAAGCAGCT	TGGGGCCCTT	CATTCTCTTT	AAACAAAAAA
554001	GGGAAAGATA	TCATGGTGTG	TACTCTCTGG	GCCCTTGGTT	TAAGGAGGGG
554051	CTTTATTATT	TGAGCAGGAG	CAAGCATGTG	ATTCCACGTG	TTCAACAACCT
554101	CATACAATTT	CAACGCATTT	GGGTGAGGG	TTTGGGCTTT	TCACTTCCCG
554151	TTTAAACAGC	TCAGCTCAGG	GCCCACTTCT	ACCCGTCTTC	TCATTAGCTG
554201	GGTCACTPACA	TATTATCACC	ATCCACAGTC	CCATCTGCCT	TCGCGCTTTT
554251	TTATCTCATCT	TTGGGCTTCG	CCCTGCACCT	TGCTTATTTA	GAATCTCTCC
554301	TCTCTGGCCT	TCTGCTGCC	CACGTATAGG	ACCTCTGCTG	CTAAGTAGGAT
554351	AGTCCGAGGT	CACCTCTGGG	ACATGTTTCAT	GTTTCTGGTG	ACAGAAGCCA
554401	ATATCTAACT	AAAAATGA	ACAGCGGAGT	CTCGCAAAAC	GGACAGTTAC
554451	CTCCCCAGCC	CCAGTTTCAGA	AATGGCTTCT	CTTCCGGTGA	TAATGCAAA
554501	TCTGTGCTTT	AGAGCAACG	GGGTGTGCCC	AGGCACGTGA	CATGGATGGC
554551	TAGTCTGTCT	TCTGGCAATCA	GAACATGTGA	ATATACAGTG	AAGCAGCAGC
554601	CTCTCCGTGG	CTCGGGCAAG	CCAGGAGAGT	TGGCAGATGA	GGCCAGTGAA
554651	GGCTGTCCCT	AAGGATCCCG	TTGAAGAGAA	TGTATCTGGG	GCTCAGAAAT
554701	GCAGACTTCC	TAAAGGTTTC	CGAGTGGTAC	TTCATCAATA	TAAAGAGAAA
554751	CACGTATGTT	AGAAAATGAT	CATTTTCTCT	CTCCTTATTT	GTTCCTTTCT
554801	GTGTAGAAAG	AAGGGGATCG	GCCTGAACGG	ATTCACGCAA	GTCCAGCTGC
554851	TACACTGATC	CACCTTGACC	TGACGTCTGT	TTATGGCACC	GTGGTGTATG
554901	ACAGGACTGT	TCTGTCTTTG	GGGACCGGAG	ATGGCCAGTT	ACTGAAGGTC
554951	GGTTTCTCTG	TGCTTCTTCG	ATCAGATGTC	CAGTTTTCAT	AAGTCTCCTC
555001	TAGTACCTGC	CTACCTATTG	TAAACTTCCC	CTCAGGCTCC	ACCGAGTCC
555051	ACACAAGACT	CTACCTAACA	TGGCTCTGCT	TGTTCTGAAA	AAGCAACATT
555101	GTAGCAATCT	GTACACAGAC	CCAAGCAACA	TTGTAGCAAT	CTGTACGCAG
555151	ACCTTCCGCT	CCTGCCACCT	CACACTGTCA	CCCTGCATAG	AGGCACTAGC
555201	CGCTTGCTGT	CTGTATAGGA	GGCACACCGT	GGCCCCTTCC	TTACTCACGG
555251	CTGCTGGGTG	TGATGAATGC	TGCTCCAGCT	CCCTACCCAT	CCCTGCATCA
555301	CCTTCTCTAG	ACGTTTAAAC	TTTTCAGTTCT	CACAAAATCAC	CTTATTCTTC
555351	ACAACCTTCAA	AGAGACACGA	GATTAGAGGC	TTGAAAAGAA	AAAGAAGAA
555401	AAGAAGAAAC	AGGTGTGCC	TCCTTCCAGC	CCCTGTGCCA	CCCCACAGG
555451	GGGTTTGTGT	TCTGCCCTGT	TACCTGTACA	CACCAGGGAG	AGGTTAAAGA
555501	TCTGAAATTC	TTCCAGACTC	CCCTGGCCTT	TCATCTCATA	GGACTGTTTT
555551	CCCCATGGT	ATAGATGAAC	CTTGGTCAAG	CTGAGATTTT	TTTTTTTAA
555601	TCACCAGCAG	GGGGAGGGGC	AGCGGGGAGG	AGGAGGGAGA	GAAAGTCAAA
555651	TCAGAACACC	CAAGGGGTTT	ATCTGAAATT	ACTCAGCGGT	CCTCTTGTC
555701	GCATCCTTAG	CAAGCATGAA	TGGCGTGTCT	CCCGTGGCCT	CCAGCAACAG
555751	CCGTGGCTAG	GAACCGCAGT	GTCTGTCAAC	CTAGACTGGT	GACACTGCTT
555801	GACCCCTCT	CTCAGCAGCC	ACTCAGTTGA	CCCTCAGCTG	AGATTCTTAA
555851	TTGAACTACT	GCAGCCCTGT	TTGCCACCCC	CCCCACACAC	ACACCCGCGA
555901	TCGGTGCGCC	CTCTTCAGCT	AGCTGTGCCT	TTAAGGCGGT	TCATTTAGCC
555951	TCTCTTAGCC	TCCATTTTCTC	TAAATGTAAA	ATGAGATTAT	ACTAGGCAAG
556001	ACAGGAAAAA	AAAAACCACC	CCAACCTTTT	CCTCATCTGA	TGGCTTTGTA
556051	CCCACAGACT	CTCTCCAGCT	TAGCTTGTGA	GCCGCTATGT	GGTCTGTGTT
556101	CCACACTTGA	TCATACCCAC	CCCTAGCCGG	AAATGGCTTC	CCCCTCTTTT

556151	CTATTCTTTA	CTGAGTTCTC	TAATTTGGCTC	CAGTCCTGCC	TTCTCTCTGA
556201	CGGTGTCCAA	GCCCCAGAA	GTGTCTTGCT	CTCCTCGCTC	CCTGAGCTAC
556251	TCACCACCAG	CACCTTCTCT	TGACTTTTATA	TTGATGTCTT	GCCTTGATAC
556301	CTAGCCTCTG	TGGTCCATGT	TTGTCTCTACC	TTGAGTCTAA	GCCTCTCTGTA
556351	AAGGGCGCCA	TGAATTCCTT	CAGCCTTGACA	CAATGCCGAG	TTCTGGGTAG
556401	GCATTTTGATT	GAGTCTGTTT	CCTTTGGAGG	AAACCCAGTA	ACATATGGGA
556451	GGGAATTTGT	TTGTATACAC	ATTCTTTTTTA	AATATACATT	GATCATCTTT
556501	CTCCTTTGAGC	TGTTTTCATT	TCCTGGGGAA	AGGAGCGTTA	GATAGAGAAA
556551	TACCCACCAA	TCTTTGCACA	CTTGACACAC	AGGAATGCCT	GTGGACATAC
556601	TAGCCTGGTC	AGGCCAAGGA	GGCCCATTA	CCCTCGACAG	GAAGTTTCTA
556651	TCCGTCTTGC	CTGGGTCTCC	TTACCAATTA	TCTCTTCFAG	TTTGGGATGA
556701	TTTTGACAA	TGTTTTGACA	AGAACACTGT	TTCCCCAAGC	TGAGCCTACC
556751	AGACTGTCAC	ACGAAGAATT	GGAGGTGAAG	GAACACTTGC	CTATAAATAG
556801	TCCCCCATGG	GATGGCTTGG	CTTCCCTTCT	CCTGTGGATT	CAGATCAGCC
556851	ATTTCGTGTGT	GACGCTGTCC	GAGTTTCAGT	CTTGCTAGAA	CGCCGGGGGT
556901	GGGCCCAAGC	TGCAGCTTCA	CGCTGTTAAT	AGAAAGGTGG	TTGCGATTAA
556951	GTCTTGCCCT	CCTCATGGTC	TGTATGGGGT	ACCACCTTGA	GACCCCATC
557001	TGGTCTCAT	TTCAGGGTTC	AATTAACAAG	GGTAGACAGA	TGTTTGGTTT
557051	CAGTTTTCATG	AGTTTACATT	TCTACAGTGT	TTCTTGCATG	TTAAATATC
557101	CAGCTCTCTC	ACCAGCCCCA	TTTACAGAT	GGAAACATG	AGGCCTAGCA
557151	TTGTTGAGTG	ATTGGACAAA	GTTACAAATG	GAGCACTGAG	GGATTGTAA
557201	TTGGAACATG	CTCAGAGGCT	GGATTCTATA	CTCTCTGCTG	TGGGGACATT
557251	GCAGTCTCAT	CCTCAGCTTC	CAGGCTCTCT	CTTTGGGGCC	GCTATGCGAG
557301	GGGATGGTGT	GTTGGGAGGG	AGCCAGCCAG	CCAGCCAGCC	AGCCGACCC
557351	CTGATTGAGG	GAACCCCTGA	CCTGACCCAG	GATTAAACC	TCCCCATFCT
557401	TGGTCTCTTAA	TAGTTCCCTC	CCACAGCAGG	AGGCTCTGAG	GGGTGAGGCT
557451	GTCTCCCTTC	CACCTTACTC	TCTAGGGACA	GTAGGTAAAT	CCCTTCTATC
557501	TGTCTCTTGT	TGCCATGTGC	AAATTCTTGG	ATATAGCTTT	TGAAATGACT
557551	TGGAGATGGC	CCCAACACTC	CCCCCAACAC	CCCCAAATAG	AACTATGCCC
557601	AGATGTATCCC	CAGATCTTTT	TATTCCAAAG	AACTCTCCAT	TCTCTTTGCC
557651	ACACTTCTTAA	CCAGAACCCT	TAGGGAAGAT	GAACACTTGA	AGACACAAGC
557701	TTGGCTTCTTA	AGCCTCTTCC	TGGAGGTATT	AATGGACACC	AGAGAAGCGA
557751	ATCCCGACTC	GCTGCCGACA	GCGGGAGGAG	GAGGGAAGAA	AGGGCTCGCA
557801	TCACCCACAG	CCTGACTCAT	CAGTTTCGCA	GTGATCAAGA	GGCGAAGGCA
557851	TTTTTGACATT	TGCCAGGCAC	CGTAGTATAT	GCCTTGGCTG	ATCTGAGGCA
557901	GGCAACCCGC	AGCCGGTTGC	TGTTTTTATC	ACCACAGTGA	AGTAACCTGAC
557951	TTCTTCCGTC	TCTGCAAAAC	TCATGGAGTT	TTAATATAAT	TTTGGTGCCA
558001	TTTTTAAACCT	CAGGCTATTT	AAATAATATT	TTTTTCCCTG	TTTGTGAAAG
558051	AACTATAAGC	TCACGTAGAG	AGTTGCAGGG	TAGCGGGGGA	TAAGAGGGAAG
558101	GCAAAATAAA	AATGATCTTT	AATTGCGTCA	TGTAGAGGCA	ACCATGTCA
558151	GCAATTTTAGA	TCTTTTTTTT	ACATAGTTGA	GGTCAGACTG	TATCCAGTTT
558201	TGAATCTCTC	TTTCTTTCAG	CTAATGAGGG	AAGAGGCTTA	TATTCAAATG
558251	CTGCTGTCAA	CCCTTTGTAA	ACAGTATTTT	TAAATAGCTC	TATCATGGTG
558301	TTATATGGGA	ACACAATTTT	GAACTTGAAG	CGAGATACTG	GCTCACTCTA
558351	TAAAAAGTCT	TTAAACACAC	ACACACACAC	ACACACACAC	ACACACACAC
558401	ACACACACCC	GTPTCCAAAGA	AGACAGTACT	GTCTTCCAAAG	GTAAGATTTC
558451	AATGATGAGC	CATGAGAAAC	CTAGAGATTT	TGTTGGTTGCT	AGCACCCTTA
558501	TTACCCCATC	CTTGCCTTTG	TAAATGGTA	GGGAAGGGGA	GGAAATGTGG
558551	AGCTCAAAGG	TCCTGCCCTA	CCAACTTCTC	CGCAGGTGTT	TTGGGATCCT
558601	GTAGCAAGTC	GCACCCACCC	TCCCCCATCA	TCTTTCCATT	TTGCCCCCTT
558651	TCTGAATATG	GTTCTATGTG	ATCATTTTTT	TTAAAGTTGT	CAGTATCTCT
558701	ACTGAAATCA	GCTGAAAGTG	TGCCGACTCT	GAACCTCAGT	TTTGGAAATC
558751	CAGATGGCAC	GTGTACATG	GGGTATACCA	TCCTAGGAA	ACATGCCATA
558801	TCGCTTCTCC	AACTGTGGTG	GAGTCTGTCT	TGTGCTTTGG	ACTCCTTTGA
558851	GCTGACTCTG	TTGCCGTGTA	GAATATTCTC	TCCTAATCTC	AAGGGCAAC
558901	TGGGAGATT	TTGAGCGTTT	CCAGGTGGTA	AAAAATTAA	TAATAAAGGA
558951	ATATGATGCA	AATGTGAAAT	TTGTAACTTT	ATGATCGCCC	GTTAACTTCT
559001	CTTATAAGCA	TAAAGATAA	ATAAGGAGGG	AGCAGGTAA	GACTAATAAA
559051	AGCCGGCATT	TCTGAGCTCT	TACTATGCAC	CTGCCGCTCT	AACCCAGCAT
559101	AGCATGGGTT	AAATCAATTA	ATCCGCTATG	GTCAACTATA	TGACCATCCC
559151	CACTTTATCA	ATGAGAAATC	CCGGGGCTTT	AGGGCATTAG	GCAGCTGGTT
559201	CAAGGTGATT	TGAAGTAA	CAATCTGTCC	CCAGAGCCTG	GGCTTTTCTC

559251	CTCTGGCAAA	ACTGCATTTA	CAGTTTAAAT	GTAATCTCTG	GAGCTTGACA
559301	GAGTGCCTGG	GATGAGCTGT	GGACTTTTCT	GCCTGGTGTG	AGGGCAACTG
559351	GGCAGGTCTC	GAGACACCAG	TGCTGAGGT	TTCTTGAGAA	GGGGCTTGG
559401	TTTATTGTGG	TTTTACTTTG	TTCTACTTTG	GGGACAGTTT	TGAGCAGCTG
559451	AGGGCTCAGC	CCCTCTTCTT	GGGACTGCAA	TGGGCTCGTG	GGGACCTCTG
559501	TACAGCCATT	AGAGCTCAGG	TTTTCCCATG	GATGGCTCCTT	TTGAAGAACA
559551	GTAACACATC	TGAATTCTGA	GCTAGCAGTG	TTTGAATGCG	CCCTGATAG
559601	GAGAGCCAGG	GTTTCCCAAT	TTCTTTGTTG	CTAGGGGATG	GTGCTGGCCC
559651	AGGAAGCTAT	GTCATGCATG	CATGCAGCAG	AAGGGTATTG	CTCGCAGGGC
559701	TCCATCAGCC	CTGGCAGACT	GTATTTGTAG	GACTCGACTC	CATGAAGCAA
559751	AGCAAGTCAG	TTTCGAGAGCT	TGCTTCCAGA	ACTCAAAAAC	CCACAAGTTC
559801	CTGAAGAATC	TCTCTAGACC	GCTGGCTATT	AAGGTGGTCA	AGTGAATGGA
559851	AGAGAGAGTT	TTCAAATAAA	ATATTTTACT	GTACTTCCAC	AAAATGTAAA
559901	AGTGGGGGGG	GGGAAGGACC	CAAGACAGGC	ACAGAGCTGG	TGGGGAGCGC
559951	TGAACAAATT	AATGGGCCAA	ATAGAAAACA	CAGGAAGTGC	CAGGCTTAGA
560001	AAAGGGCTCC	TGCGTTGGCT	TGTAGAAATG	TCATATGAAA	CTTATTTCAG
560051	ACTCACTCCA	TTACACCCCA	GCTTGTGAGT	CTGGGGACTC	CCTGACTCGG
560101	CACAGCTTAG	TCCAAGTAAC	ATGCAGGTCT	AGAACTCAGA	ATTGAGCCCC
560151	GTGCTTCTCT	AATTGACTAT	CATGAAGAGT	AGACAGAGCT	TCCCCCTCTT
560201	CTTCCTGTTT	TCTCTTTAGT	ATTCTTAAC	CCAAAGGCCCT	ACTACACTTT
560251	TTTTTTTATT	AAGATTCTTT	TGAGTCAGGG	TTTCTCTATA	TAGCTCTGGG
560301	TGCTCTGAAA	CTCACTTTTG	TAGACCAGGC	TGGCCTCAAA	CTCAGAAATC
560351	TACCTGCCTC	TGCCTCCCGA	ATGCTGGGAT	TAAAGCGCTG	CGCCACCACG
560401	CCTGGAGCAC	TACACGCTGT	TAGATAACTG	TTTTGTGTGC	TTAGGGGTGA
560451	GGATTAACTG	TCCTTCCCA	TGTTTTCTCA	AAGCCTATTTT	GTTCGAAAGA
560501	ATAAACAGCA	CAATTGGCTC	ATTTACCCTT	CTGCTGACCA	GCTTCAGAGA
560551	AGGAGAAATG	GGAAATGAAA	TGCTTAAAA	CACCTTAGCC	TTGTGAGCAC
560601	GGCTTCTCTA	TCTCAGGCCA	TCGGAAGGAA	ACAAAGAAGT	TAAGTGTTTT
560651	ACTTGGTTTC	TTTTCTTCTT	CATCTTCCCT	ACTGTGGAGC	ATTGGAGCTG
560701	CCTGTGACTC	TGCGGTGGAA	ATCTCCACTC	GCTTAATTTT	AGCTGCACGG
560751	CTGGGAGGTT	TTTCGTATGCA	GCAGAAATCT	CAGGGCTTAGT	TAATAGTAGA
560801	CCACGAGGTT	TCAGGAAGAT	GACAAAGAAA	ACAAGATGTT	GACATGAACT
560851	GAAATTTCTC	ATCAGGGAAA	ATTTCTTTTC	TACAAAGGCC	TTGGTTGGAA
560901	GAATGTGAAG	AGCTTTACAA	AATCTTGAAT	GCTTAATAGA	GTAGCATTTG
560951	ACTTAATAAA	TAAATATGTT	TTCTGAAGCC	TCCTCTGTAA	CTATTCTTGT
561001	TATTTGGGTA	CAAAAGGTGAG	TCAAAAGAGC	GGGGTGTGCT	GAATCTTAGCA
561051	CTTGGGAGGC	AGAGGCAGGA	GGAGCTCTGT	GAGTTGAAGG	TCAGCTTCGT
561101	GTATGTAGTG	AGTTCAGGCG	CAACCAGGGT	CACATAGTGA	CTCATGTATC
561151	TCATAAATCT	TACAAAAGTG	AGCCAAAGAG	ACAAGCCTTG	CTTCTCTGCT
561201	GAGTGTGTGC	GTGCGTGTGT	GTAAGTGAGT	GTGTGTGTGT	GTGTGTGTGT
561251	GTGTGTGTGT	GTGTGTGTGT	GGTGTGGGTG	GGCAGAGAGA	TCAGAGGCAG
561301	AAAACAAGTA	AATTAATCAT	CCAATGGTAA	AGCCATTTAG	AGAGTAATTA
561351	AAGTACTGAG	AACACCAGAG	GGATGGAGAA	AGAAGGACAA	TGGCCACAGG
561401	AGAGAGGCAG	GCAATCAGGG	AGAGCTGCTC	GGAGGAGGTG	TGGCTGGATG
561451	ATGAGGCATA	TGTAGGAATA	TACACAGAGT	AGGCACAGAG	TGACTTCAGA
561501	TTAGATCTAT	ATTAAGGTCT	TATGCTGAGA	GCAACAAATA	AAAACCTGCA
561551	CCATGGCTGA	GCAGTGTGTC	GTGTGAATTG	GACGAGGTTT	CGCTTATGCA
561601	AAATTTCCACC	CATTTTGGGT	AGCTGTGACT	CATGGTTCTT	CTCTGCACTC
561651	CTCCTCTGAT	CCCATCTTTT	TTCCATAGCT	GCCCAGCCAA	ACTGGCCCCA
561701	GGAGCAATGT	CTCCTTTGCT	TTAGCCTCGG	CGGCTTTTTT	TTTTTTCTGT
561751	CATGGATATC	CTCATGAGGT	CTGTGACTGA	AAGTCCAAGA	GGTCCCCCTG
561801	GGCCCTGGTC	TGGGGGCCCT	GGGGAAGTGA	GCAGAACCTA	TGCTGGCCAT
561851	TCCAGAGTGC	TACTGGGGAG	CGCAGAAGCC	ACGCTCCCTG	AGCCTGACTG
561901	TAGTGCAGTT	GTGATCTTTG	GAATAAAAGT	TCAACCTTCC	CATTGTTTTT
561951	CTCTCCAGCA	CGCAGAGGTC	ATTTGTTTGA	TCATCTGTTT	CACCCGCCCA
562001	CCTTCAAAAG	TTAAAGAACT	TAAATTTAAG	TTCTTACGTAT	GAATCTCACT
562051	ATGTAGCCCT	GGTTGACCTG	TAGACTAGGC	TAGACTCAAA	CCTCCAGCAG
562101	ATCTACCTGC	CTCTGCATGC	CTGGTTTCGG	GAATTAATGT	TGTGTGCCAC
562151	CGTGCCTTGC	CTTATGTCTG	TATATTTTAA	GATAATACAC	GGACATTGTT
562201	TAAAAACCTTA	AACTACTGAG	AAGTACAGAG	TGAATATCTAC	CCATTTCCCA
562251	CTTCCCATTC	CAGGTTCAAC	TAATGAAAGA	AGTGTCACTG	TGAGCTTTCT
562301	AGTCAGAGTA	TACACACACA	CACACACACA	CACACACACA	CACACACACA

562351	CACACATACA	CACACACACA	CACACACACA	CATACACACA	CACACATACA
562401	CACACATACA	CACACACACA	CACACACACA	TACACACACA	CATACACACA
562451	CACACATACA	CACACATACA	CACACATATA	CAGGCAGGCA	AGCAAGCAAG
562501	AGGGGATGTA	TTTTTCCCC	CTCCTATTTT	TACTGAACTT	GTGTATAGCT
562551	GGGCGATGGT	GGCGCACACC	TATAGTCCCC	GCATCTGGGA	GGCAGAGGCA
562601	GGCGGATTTC	TGAGTTTGAG	GCCAGCCTGG	TCTATAGAGT	GTGTCTGTGT
562651	ACAGCCAGGG	CTACAAAGAA	ACCCTGTCTT	GAAACCGTGT	GTGTCTGTGT
562701	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	TTTTATATGA	CGTATATTTA
562751	CTATAACATG	TTAAATAACT	TGCCCTCTAA	CTATTCTGAT	GGCTAAAGAG
562801	TACTCTACTT	TTTACACTAC	TGTTTATAGTA	ACCCTGTGTT	TTTTTACACT
562851	ATTGGTTTACA	GACTCCTATT	ATTACATAGT	TTCCCTACTG	TGTATATTTA
562901	GTTAGCTCTA	GACATTTACT	TATAACAGGA	TGTTACAATG	AATATATGTG
562951	AATATGTCTG	TGTGTGTGCC	CACACGTGCA	CACACACACA	CACACACACA
563001	CACACACACA	CACACACACA	CAGAAAGGCT	TCTGGGCCCA	AGAATACATG
563051	CTTTATAAAT	TTTCATGACAA	ATTCTAGATA	GTCTCCCACT	TGGATCCTAG
563101	TTCCAGCATC	CTGTGCACAT	ACCCATTAC	ACCCATCAGT	TACGGTGAGC
563151	ACGCCCTGCC	CAGGAACTCG	TTTAGGAAAT	TGTTGGTAGG	TCCTGGCAAG
563201	GCATACCTAG	AAACAGCAAG	TGTTTGTGAG	AAAGAAAGGC	TCCTGTGCCT
563251	CATTTGGATT	GCTGAAGGAT	GCTGGTGCC	CCCTCTCAAG	ATGTCAAGTA
563301	AAACAGATCCT	TGGCATAGCC	CTCCTGTCTT	CCAGTGGCCT	GCAAGCGTGC
563351	ATGGCGCAAG	ACCCTGTAAC	AGCTGCGAGA	TAGCTCCCGA	TGATATATTT
563401	ACGGATGAGG	GATGGTGT	TTCTAAATTA	TTTTTATGCT	CTTCTTATTT
563451	TAAAGCAAA	TTTCAGACAT	ATGACATTTA	CCCCAAGATA	TTTCATATG
563501	CCCTCTGTAG	AAATTTATAT	CGTGTTCCTA	ACTGTGACTA	TAATGTCAAT
563551	ATCAGAGTTA	ACAAAATTTAT	CTGTAATTCC	TCAGGATTTAT	CTACTGAATA
563601	TAGCTGAAAT	TTTCACAAATG	ATTAATAATA	CACCTAAAAAT	TATTTGGTTC
563651	AAATCGATGT	CTGGGGCACA	CTTGGGTGCC	TCTGGCCTAA	GGCACCCCTC
563701	CCACTTAAT	TTCTCTCTCC	CACCTGGCTTC	CTGAAAAGCC	AGGTTCTAGG
563751	GCCTGCAAGT	GCTCTCATGT	GGATTTGCC	GTTTGTGTTCC	TGTGTCATTT
563801	AAAGCTTGCT	TGTGACTTTT	GCTTCCGAAG	CTCCTTGGAA	GTTAGACATG
563851	GAGATTTGAC	TGGGTTTCAT	CAGGTTGAAG	CTCAGAGTTG	CGAATGTGTT
563901	ACAGAGAGCT	TCCCTGAGGA	GGAAGCCTGA	CAGGATGACT	TCCTGAAATA
563951	GGACGGAAGC	AGCAACCTTT	CTTGGGCCCT	ACTTGAGAAT	CTGTCTCAAT
564001	TTTTTTTTTT	CCGTGTTT	ACTTCCCC	TCCCTTTCCA	GAAGCCCAAG
564051	AGCTGTTTAA	TTCTGAGCTA	AGTCATAGTG	TAACTTATGA	GTGTGTCATG
564101	AGTTAGCAAT	TTTGCCACTT	ACTGGCTCGG	TGCTGCTGTT	CCCCCTTGGG
564151	TCCAGGCACG	TAGCTCTTTT	CTATAGGGCC	ACCTTGCTCA	GTGGAACATT
564201	TCTGTGCTGA	TAGAAGAAGT	ATTCTATGCC	AGCATTTGAC	AGTACAGCAG
564251	CACGTGGCTG	GGGTGAGCTG	TGAGTGCTTC	AGGTATGGCT	AGCAGGAGTG
564301	AGAAACTTGA	CTTTCAATGG	AATCTAAATA	GCCTTGTGTG	GTTTAGTGGCT
564351	ACCATCTTGG	AAAGCACAGC	TCTAGAGTCA	TTTTCAAATG	AGGCACAGAT
564401	CTTTCTTACC	ACCCTGAGAC	CTAATGCTG	CTATTTTAAA	AGTTTCTCCC
564451	CCCTTTGATT	TGTTGTTTTC	GAGAAGGGGG	TGGTATGGTG	AGGGGTAAAG
564501	AGTGATTCTC	TGTGTAGCCC	TGGTTGTCTC	GGAACTCACT	GTGTAGACTA
564551	GGCTGGCCTC	AAACTCACAG	AGATCTTCTT	TCTTGCTCCT	GCCTAGCAAG
564601	TGCTGGGATT	AAAGGTGTGT	GCCACCACCT	CCTGGCTTTA	AAGGGGATTT
564651	TTTTAAAGTC	ATATTTAATA	TATGGGGTCA	GTGAGATTGA	CTTTTACTGA
564701	GTGTCTCGAG	AATTTGCTGA	GTAGTCTTGT	AAGATTAGGT	GCCCCAATC
564751	CACTAGCGAT	TGATTAAAGCA	GATGATGGTG	TGAAGTTTACA	GGGCAAAGGC
564801	AGTGCTTGA	GGGGATGGGT	ACAGGGAGCT	GCCTCTGTGT	CTGAACTGAT
564851	AAAGAGCTGG	TAATGAAACA	GCAAAATGCCA	AGGTGCCAGG	AGGCTATGCT
564901	GGGGTAGGGA	TACAACCTGT	CAGTGGACTT	GTGAGCAATT	CTTTGTCCAA
564951	AAAGAATCTT	GGGAGTCTTT	TTTTTTCTTT	TTGAGACACA	TACTATATAT
565001	GACTAATGTC	CACCATAGTA	GACATGTGGG	TATTTGGGCCA	GTGAGATGGC
565051	CTAGGAGTTA	AGGGGGCTTG	CTGCCAAGCC	TGACAACACG	AGTTCAATTC
565101	CTGGGACCCA	CAGAGCGGAA	GGGGAGAACC	ATCATCTGCA	AGTTGTCCCT
565151	TGACCTCCTT	ACTCACATAC	CCATACCCCT	ACCCCTGTCC	CCAGAGCACA
565201	GAAAAATAAT	AAAAAATTC	AGGTTTAACAG	AACCTACACA	GTAAGGTATT
565251	ATTAGTCCCA	GTTTATAGAT	GAGGAAAGGG	AACTCTGGAC	GGTTGAGAA
565301	AAGTTTCAAAG	TGATACAGTA	TTGGCCAGGT	TAAACACAGC	CCCTACCTCA
565351	AATCTCCAAG	ATGACAGTAG	CTGCTCATCT	GACCTGCCCA	GACGACCCCT
565401	CGCCTCTTGG	TCCTGGCACT	CATCTGTCCA	AGGCCCCAAT	GGCTTCTTGT

565451	CTCCCTCCAG	AGTAGACAGC	AGGATCCACA	CAGGCTGTAG	AACCTGTGCC
565501	CACCCCATGA	TCACCTCACTC	CGCTGCTCAC	TGACTCTTTT	CTGCCTTGTT
565551	CTGCTCTTTC	CTCATCGGCC	TCCTCGTACT	TCAGGTACTC	TGGACTAACT
565601	GGGACTCTTT	AAACAAAACA	AAACATAAAA	ACCCAAACAT	GTTTGGGCTG
565651	ACCAGATGAC	TCAGTGGTTA	AGAGCCCTGA	CTACTCTTCC	AGAGGATGTG
565701	GGTTCAACTC	CCAGCAACCA	TATGGTGGCT	CACCAACCAT	TGCAACTGTA
565751	GCCTCAAGGG	ATCCAATACC	CACCTCTGGA	TTCAGGGAGC	ACAAAGTATG
565801	CCTATGATGC	CCAGACATCC	ATGCAAAAAA	GACCCATACA	CAATAATAAC
565851	TTGAAGCAAG	CAAAACAAAA	CCCGTACAGG	AACCTAAATG	ACTGTTGTAG
565901	GGCTCACTCT	CTATAAAAGA	CCCACCGTGA	GCCTGGATTC	TCCCTTTCCA
565951	CCTTAGCATC	CTGTAAACGG	TCAGGTGTAC	CATAATAATT	TTAGTCCACA
566001	TTTATAGATG	AGGCCACTGT	CGACCCACTC	CAACCCCATG	CATGTTAAGT
566051	TCACGAGGGT	GAGATTCTTT	TCCCAATCTG	TTCCCTGCCC	CCACTCTACC
566101	CCATAGCCCA	ACACTGTGTT	CTCTGCCATT	TTCTTGAGCA	CCAAACAGTA
566151	TACAGGCGAT	CAGTAAATGT	TTGTGTACCG	ACGATGAATG	ACACTCGGGT
566201	GTCTAATTGC	CAAACTTCAG	AATACTGATT	CACACCTTGA	TCTAATTTCT
566251	ATGTAACAC	ACACACACAC	TTCTATCCCT	GTGAACCTGT	CGGGGTGTGT
566301	TTAGAATGCA	TGGCTACGTG	AAACACAGA	CTAAGCCATG	CAAAATATAG
566351	TTGAACAGAT	ACTGCCTTTA	GCTTCAAGGT	CACCTTTGGA	GTGATCCTAA
566401	GAAGAGTGTT	AACTTCGAGT	TTCTGATAGA	GCCAAAGCTAA	GAACCTGTGG
566451	AAACAAGCTT	CTGCCGTGTA	GAATACTGCC	TCCAATTTGA	ATTGTGGCTA
566501	TCGTGTAGTT	TTTGTAGTAC	TTTGTCTCTT	GGCCAAAAGG	ATACACTGTA
566551	CTTGGCATTG	TCAGCCCTGT	GGAAGATGGA	TTCTATGATT	AGAAATATG
566601	TCTCTCACCC	AGTCTACTGT	CTGCCCCCAC	CCCATGTCAGT	GTGTGTGTGT
566651	GTGTGTGTGT	GTGTGTGTGT	GTGTGTATAC	CAGCGACACA	CATATGAAGC
566701	AAGAAAATGT	ACCTATTTAT	AGAATTTTAT	TATTGGCTGA	ATTTCCAATG
566751	GAGAGTTTAT	CAGAGTTGGG	GTGGGGGTGG	GGTTGCTTCC	AGGATATCAC
566801	TGACTAGGAA	AGGATATGGC	CTTAGGATTA	CTTACTATGT	CTTACTATTC
566851	TGATCTTCAG	AATACTTAAT	AGAAATTATA	TTTCTTTTGG	TTTTTTTTAA
566901	TGAAGGTTGT	TCTTGGTGAG	AAATTTGACTT	CAAACTGTCC	AGAGGGTTAT
566951	TATGAATAAT	AAGAAGAAAC	GCCTGTGTTC	TACAAGCTCG	TTTCTCATCC
567001	CATGAAGAAC	ATCTACATCT	ACC'TAACAGC	TGGGAAGGAG	GTAGGTGAAG
567051	CTGCTGCTTA	CTGTCTCTGA	CTTATGAATA	GGAATTATCT	CACCTGATGC
567101	ATTATACAGT	GGCAAAGCTT	TTACTTTGAG	CCGCCAGGTT	TAAACAGCGC
567151	TCGCGGGCTT	GAGAAGACCT	ATGGTGGGCC	AAGAGAGTAG	AATTAACACC
567201	GTGTAGTACT	GTCATCAGTA	ACTAAGCAAG	AGATATTACC	CTTTTAGACA
567251	ATTTTATAT	TGGCTATATT	TCCAGGGCCA	GATTTTTCAG	AGGGGGGTGT
567301	ACTTGCATA	GGCGCATATA	TCAGCAGAGT	AACCTGAATT	ACACGTTTAT
567351	TGTGTGGGCA	CTGAGTGCTT	AGCTGCATTT	ATGAGTGTGC	CCAATGGGAC
567401	TGGCTTTGGA	ACTTGGGGTT	AATACCAGGC	CACCATCTCA	TACACATTCA
567451	TGAACCAGGA	AATGTATATC	ACTCATCCCC	ACCCCGCAAA	CTCTTTAATT
567501	TATCGGATG	TTTGTCTTTT	TCTTGTCTCT	GCCTACTGAA	GTGAAAAACA
567551	TATCTTTTCA	ACATTTTATC	TCTAAAAGGA	AACATTTTPT	TTTTTTTTTT
567601	ACTGAATCT	TACAAATATG	AAGTCATTGT	GTTTTGTAGG	GTCTGTATGT
567651	GTACTGGGTT	GTGTGTGTGT	GTGTGTGTGG	ACACATGCTA	GTAATAAAGA
567701	ATACTAATGA	AATATGTTAA	TGAAATTATT	ACTCCACTTA	TATATATGAG
567751	CAGTCTAAGA	CTGGGAAAGG	CAAGCAGTTC	CAGGAGATAT	GTGTGTATAT
567801	ACTTGCAGTG	TATATCTACA	TGTAGATACA	GATATAACAT	ATCTCTATGT
567851	ATTGTCTTTA	ACAGGGCTAG	AACTCAAAC	CGGTCTCTGAT	TCTAGAACCC
567901	ATGCTTTATC	CTGGCCTGGT	AGTTTTGATC	CATGACCCCT	TGAACACACT
567951	AAGTAAGAG	AAGGCATTCC	GGACTTAAAT	AATTACACAA	TGGATGTAC
568001	AGGGGCCCTT	ACCCTCCCCC	CATTTGTGTC	TTCTTCTTTT	TTAGCCACTC
568051	TCAGGAGGAG	AGCAATGACT	GTCCCTACGT	TGCTTGCCCT	TGTTGAGTGC
568101	AGGCTAGGGG	TGACAGTATC	AAGTATCTTT	AGAAAGGCCA	CATGTGCTTT
568151	TTCAAGTTGG	AAAGTTGGAT	ATATCCAGAT	ATCCCATTA	GATGGTCTCA
568201	CATCTGACTC	TCCCTTAGCC	TTTTTCGGCT	TACACCACGG	CCTTCTGCGC
568251	CGGTCTACTC	AGTCAAACAC	TGTTATGTCT	CTTCCCTGGG	ATCCAGATTT
568301	TGAAAGACTT	TTGTCTATTC	AACAAACTGT	GTTTATGAAG	TAAACCATTC
568351	CATTCCCAGG	CTTTATTTAT	CAAGGACATC	TCAAACTGCG	CAGCCAGAGT
568401	ACTGACTGGT	CTACCACGCA	ACGCTGATAA	AATTTCAACC	CCCTCCCCCC
568451	ACCAAAGCAA	AGCTCCTGGA	AGTCTGGCTT	AGCTGTGTC	TATTTTTTTC
568501	CATTTTGCTT	TTGGAGATAC	TGCAAAGCGC	TCATAAATTC	CCATCCCTAT

568551	GCACAAAGAT	ACTTGTAGGA	CTCAGAAACC	CAGTGCTGTG	GGCGCTGTAG
568601	TAGGCTGTAG	ACCTTGTACT	GTGTGCTGAA	GACCCAGTGC	TGTGTGCTGA
568651	AGACCTGGTG	CTGTGGGTG	TAGACCTTGT	GCTGTGGGCT	GAAGACCCGG
568701	TGCTGTGTGC	TTATAAAGAC	ACAGTGCTGT	GGGCTGTAGA	CAGTGTGAA
568751	AGCACCATAA	GTTCATAGAT	CTTCACTTCC	TAGAAAGTAA	AGACTTCCAG
568801	TCCCTPAATGA	CTTACAGCCT	GAAGACCTTA	GAGACAGTTT	TCAAGGGGGT
568851	GGGGAGGGTG	TCAAAACGTG	TCGTCTCTAT	ATTCTTCTCT	TTAGTATAAT
568901	TGCAAAAGGT	TCTATTTGCTT	AGTCAACTGT	GGTAATCCTA	GAACCTTAGCA
568951	GGCAGAGCGA	GGAGGAAGAC	AAAAAAGAAA	AAAAAGCTTG	CCTAGATAGG
569001	GAGACCCCTG	CTCCAGAAAA	AGACTGAAGC	AAAACTCTCG	TACTTGGCTG
569051	TGATTGTGCA	AGTGTGATCA	CCCAAGAGTC	CAAAAGCAAG	GAGAGCCCTT
569101	CCTAGACTCT	AGGAAGTTAT	TATTAATTTT	AAAAAGCCAT	AGAAAAAATC
569151	TATAAAGTGG	TATTAATACG	TGCCCACTAA	ACATAATCAT	ATGCAGATAT
569201	ATGTACTGAT	GAGAAATAGG	TTACACAGTAT	ATTCAATAGA	GCTAGATGCT
569251	AATGTAATAA	TTATAGTATC	TTATCTTTTA	CGTAGAGTTA	TGTGGGTGCT
569301	TAAATATGTT	AAATTTATAG	ACAGTATAAT	TTGAAGAACT	TTCTAGAGAT
569351	TTGTATTCTC	CTGAAGGTTT	TTAGCAAGAG	AACCTCCTTT	GGTCCATTGT
569401	TATTAATGTG	TCTACAGTAT	TACGGTGTG	GACAGATTCA	AAGGCTCGCA
569451	AGTCTGTGCT	AAGGAAACTT	ACTGTTCACG	TTTGTCTGGC	CACGACAGCA
569501	TTTCTCTCCA	TAAACAGCAAT	AGCGAGTGCT	TATGACACAA	ATTATTATTAGT
569551	ATGCTTCTGA	GACTATGCTT	GTAATAACCC	TGTGTAGTCG	ATTGTCTTAGT
569601	TGCCATCTTT	ACAGGCAAGG	AAACAAGGTT	AGAGAGATTA	CATGACACTT
569651	AATAAAATCC	CTCAGAAATTA	GAAAGATGTT	TTGTGAGTTA	TAAGGAAATC
569701	AATATCCAGT	TTCTCGTTAA	TTCCGGCTGC	GCTGTGCAGC	AGCGCAGAGG
569751	ACCTAAACCG	AGAGGGCGCA	GTGATCCTGC	AGTAAGTCAA	CCTAGCATTT
569801	AAGGATCCCT	CTCAGATATG	CCTTGTCTTC	ACCACAACTT	CCTTCTAGAA
569851	TTCTCCACTT	CTCTACTTTT	ACTTCCCAGC	ATGCACAGCA	TCCCAGGATA
569901	ATGAGTTGTA	CAAGTTTCTT	TACTACCTGC	TATGTGATTT	TTGCCTTTCA
569951	GAAATGTGCT	AGGCACCACT	CGGGTACTCC	AAACTTACCT	CTGCCCTCGG
570001	TCACTTCCAA	CTGACGCCCA	GCACCAATTG	CTAACTTAATG	GAAGAGTGGG
570051	AAGAAATAT	CTTAACCCCC	CCGCCCCCTT	TGTAGTGTCT	GGAAATAGAA
570101	CCAGCACCTC	GAGCTACACA	AGGGCTTGGC	TACTAAACTA	CCCTGTTCAG
570151	CTGTCTCTCT	CTGGTTTCTT	TCATTTGCCA	CCCCAATGGA	ATGGGTGTGA
570201	GTCAATCAAG	CAGGAGCTGA	AGTGATGGCG	ATACCCTAAT	ACCACCTCAT
570251	TTGCCGATCT	CTTGCCGGAC	TCATGTCTGT	CATCTTGGGG	CAGAGTCATC
570301	ACGTATAACC	GGATACTCAT	TTCCAATAGT	CCACTGATTA	TACTGACTGT
570351	CCCTGTATGA	AAACGAGGAG	ACCTGGCTCC	GTGATCCCTA	TGGAACTAAT
570401	TATCCACAGA	TCAGAACCTG	AAATTTGGGAG	GACTCACTTG	AGAAGGCTCT
570451	AATAATATAG	ACTCTTAGGC	TCGCCCCCA	GACCCGGGAA	GGGCTTGGGG
570501	CGCAGGGGAG	CTGCGGAATA	CAGTTCTCTC	TTGGTATTTT	CTGGGGGGTT
570551	GGATTACAAA	CGCCCTCAA	AGTTTGCATA	TAACCTGTAT	ATATCTTCCC
570601	ATATACATTA	AATTAATCTT	AGATTAGTTA	TGATGCGCTG	TAGAATGCTT
570651	GCCTATAATG	CAATACAATG	TTAATAGATA	TAAATCACCC	TACTGTATCA
570701	CTTAGGGAAT	GAGAGGATTG	AAATGCACAT	TGCACGTATA	GGCAGAGTGT
570751	TGTTTTCAAA	TGTGTTTCGAT	CTGCTCTTGG	TTGAATTTGC	GAGTTTCAGG
570801	ATCACTGGGG	TGAACAGGGA	TAGCCTTCGG	TACTTTGAGA	AGTTTCCCAC
570851	GCTACACCAT	AAACCTAGAAC	TCGAGATCTG	CCATTTGGATG	CTACTGTGGA
570901	GACATTACAG	GCTCAAGTTG	ACAAATATAC	TCPTTGTGCT	GTATGACCCCT
570951	CCCCCAGGCC	CCCAAGTGTG	CTTGTGATTC	CATCTAATGG	ATGCCCTCCT
571001	CCTTTTTTCAG	GTGAGAAGAA	TTCTGTGTTG	AAACTGCAGT	AAACGGAAAT
571051	CTGTTTCAGA	TGTGTTAGCA	CGGGCAGACC	CCCACTGTGG	CTGGTGCCTC
571101	CCGTTACAAA	GGTATTTCTT	GAATCTTTTC	TCACCAGCTC	ACATTTTTTTT
571151	TTTCAGAAAG	TGTCTATGCG	CCCAACACTT	GTTCGCCCTAC	TTTTAATGATC
571201	CATTTCCACG	TGTGACGAA	CAGAGCTCTC	CAGGACTGCA	ATGTACGATG
571251	TAACCATAA	TCATTTCTAA	AGATGGTTCT	TGCCATGTCT	GTATGCATCA
571301	ATTTGACCCA	GGCTACACAG	GGCCACCCGG	TCGCGGCCGT	GACTTGAGAC
571351	GGGAGAGGCT	AGTGCAGGTG	GGTTTGTCTT	TTATTTTCTTA	CCAAGTTAGC
571401	CAAGACTTCA	GAGAGAGGCA	AAAGGTTTCG	CTTTGGAGAT	GATTAAGAA
571451	ATAGCAACGT	TTGAAATTTT	TCAAATGAAT	CCTCATCATG	CCGTGTATTCT
571501	TGCTGCCTCG	CGGGAAGCCT	TATTTATTAAT	TGCATGTGCT	TCCTGCACAC
571551	CATATAGCCC	TGGGCCCTGAT	GTACAATCTC	AGTCTCCAGG	CAGAATCTGC
571601	CCAGCTTGGT	CTTGAAATTAC	GATGTATGCG	ACCCATCTAG	GCCTCAAGGGG



571651	GA	CTTGTAGC	GGCTTCTCT	CCATGGCAGT	TCTTAGCATC	GTCGCTGGGA
571701	CC	AGCCTGGT	TGGATTCACT	GTTGCTATGG	TAACCCAGTA	CTCCAGCTCT
571751	CG	CTATAGAA	GCAAGGAGGA	AAGAGCCTTC	ACTGCAGCTC	AGGAGGAAT
571801	GAG	AGGGGGG	AAAAAAACAA	GCCACATAGC	AGTGGCTGTC	AGATTGGTGC
571851	TTT	TCTGTTTT	TTTAAAGGTGA	ACACAGATTA	AAAAATAAAA	TAAAAAGAGC
571901	AC	AGCAGGTA	GGGAAAGCGC	GAGGGCAGAG	CGAAGGGACG	GTAAGGGGAA
571951	TGA	AGGGCGA	TAGAGAAGTA	AATTAGAGAG	CTCCTGGGGG	GGGGTGCGGG
572001	GG	GGGGGGTGA	GGGAGCGTGA	ATGGAGAGGG	TGATTATGAT	GTAAGGGAGA
572051	GG	CTCGGAA	ACAAACTAAA	AATATGGAGA	TGGAATGGAT	TAAGAGTTCT
572101	TC	ATGGAGGA	AGTCACAATC	TTAGCTGCTG	CAAGAGCTAG	GACTGTGGCT
572151	GCC	CTCTCT	CTGCACCCCC	TTGCGGGGGC	TTCTTCCTCT	GAATCTCTTG
572201	GC	AGCAAAA	GAAACAGGGC	CAAGAAAATT	CTCATGAATA	ATTGTAAATTG
572251	GG	GATAGGAC	CTTTTCTTCT	TGTCACATGC	CCAAGAGTAG	ACTTGAAGAA
572301	AT	TAACTGAT	CACAGCCAGT	ATTATATGGT	TGCTGTAGTT	CTTTTTTTTTT
572351	TC	TCTTTTCT	TTTTTTTTTTA	AAGATCCATT	CCATTATGAT	TGCATCTCTG
572401	TGT	GCTCTTTG	GAGAGCTCTG	GACAGGAGTT	CATTTCATGA	TGGTGGTGAC
572451	AG	TGGTGGTG	TTTAAATAGC	CGTGACTACT	TGTTTAAACA	GCTTCAGTCA
572501	GG	AGTTGGTG	GGAGATGCCC	AAGTTGGTAA	GAGTAATTTG	GAGTTGGTTG
572551	TA	TTTTTGATG	GTCTTTTCAG	AAGCCTTAAT	AGTATCCGAG	CAGGGGGCAG
572601	GG	TGGTGGTG	AGCTGGAAAG	AGATGTTCAA	GAGCTGAGTG	CTGAAGTACG
572651	GG	AGCACTCA	AGTACTAGAG	CACCTCAAGTA	TATGATGTGT	TAGAAAACAG
572701	AG	GGGTGGGG	AAAACATGAG	GAAGGATCAG	AAAGGGGAGA	GACAGCGTTT
572751	AAG	GGAAGGAG	TGTGTTGCCA	GCCAAGGGAA	GAAACCGGAT	CCGTTGGAGT
572801	CT	GTGCCAGC	TCCTGCCAAG	GAGGTCAAAG	GAAACCGGAT	CGTGGGGTGC
572851	AG	GACAGGGG	GATCGATGAC	TGTGACAGAG	GCCCGTTTTT	GGAAGGGTGC
572901	TG	GAGCTACA	AAAGGACAAT	GAGCAGTGAG	TGGAGGAGCT	CGTGGGGGTG
572951	GT	TATGGGGA	ACGGTAGAGG	AGATATGTGC	CCGATTCTGA	GGCAAACCGT
573001	AG	ACTCCAGA	CAGTTTAGGA	TCTTAAAGTT	TATTTGTTTT	CTATTACATT
573051	TT	AATTGGGA	GTGGGATAGT	GCACGTTCCA	TAGTGCTGTG	GGAGGTCAGA
573101	GG	ACCGCTCA	TGGGAGTTGC	TCTCTCTTAC	CAGATGGACC	CCAGGGACCA
573151	AA	CTCAGGTT	GTCAAGCTTG	ACAGGTAATA	GCACTTGCCA	CGCTATCTCA
573201	CC	AGTCTAAC	TTTAGAAGGT	GTTTTGTTTT	GTTTTGTTTT	GTTTTGTTTT
573251	TT	TTTGTGTT	GTTTTGTTTT	TAACATACAT	AGAATAATGG	TGCTCGGAGA
573301	TGA	AGAGGTG	ATGGCTCAGC	CCGTCGTGTA	AGTGCCTGCT	CTGAACGCAT
573351	GAG	GCCTCTGA	GTTTGTATCT	GCAGCACCTG	AAAATGTCAG	CCATGCTAGT
573401	GTA	TGTCAGT	AATCTTAGTG	CTGGCGAAGC	GAGAGACAGG	GGATCCCCGG
573451	AA	GTCACCTG	GTCAGATAGT	CCAGTCAAAT	TGATGAGCTC	TTAAGTTCAA
573501	TGA	GAGGCCA	CACCCTCCCG	TAAGCAAGCG	CAAACAGGCG	CGCGCGCGCA
573551	TGT	GCCCAAT	CACACTCCAC	CTACCAGCTT	TTTTTGTGTG	TGTTGTTGGG
573601	GAA	AATCCG	GTAGGAAGGA	GAGGGGTGGG	GGGAAGGAGG	GTGAATATTG
573651	TGG	TGTGTTG	TCTTTCAGCA	GATGACAGAA	AATATGACCT	AATCACATCA
573701	GT	GGGGAGGG	TAGCCTCAGT	CCAGGATGGG	AGGGAACAG	TAGTGTGGAC
573751	CC	CAGAGCTC	GTAGAGATAG	ATCAGACCTC	AGGGTATGTC	CATATTGCTC
573801	GGA	ACCTTCT	TTGTGACCTT	AGACCAGCAG	GAGCCAGGTG	TCTGTGTGAG
573851	CC	GGGGGAGA	GGGAGCCGTG	AAATCTGAGG	AAGGGAAGCA	GGAAGCACAC
573901	AG	GAGCTCAG	GTAAGGACA	CACACAGAGA	GAAAATAGAG	TATGGTTGCC
573951	TG	GCAATATT	GGGGCGCACC	TGAGGCCGAT	GATCTTGCTC	TTGAAACAGA
574001	AAG	CAATGGT	TGTGTTTGCT	CATGTAGTCT	AGCTCCAGTC	CCATCATGGG
574051	AA	AGTACGGA	GGATAGACTT	CAGTTTAGCT	AGAGTTTGGG	GATAAGTACA
574101	TC	AGGGTGGG	GCTATGGGAT	GACATTGATG	TCACCTGTGT	CCGGTGGAGG
574151	GAA	GTAGGGA	CACACTGTGG	ATGGGAGACA	TGAGAGGGGG	GAAAACACCA
574201	CT	TGGACTGT	GTGGGGGTCA	ACGCTGAGCG	GATACAGGTT	TGGAGGTACC
574251	GG	GAATGGTA	AGGCTTACAG	GACTGTTACG	TCATGTGAGC	GAGGGTGGAG
574301	AAC	AGAGCTA	CTGTGTGAGA	AACAGGGACC	TCTGTGTGTC	AGTCGAAGCC
574351	ACC	GGAACA	AGGATGGGCC	CACCTGGTCAA	GAGTAAGGGA	CAAAATTAGTC
574401	AAG	ACCTAAA	ACTAACTAGT	AAGGTTGGGTG	AGTGTGGTGC	CTGTAGGTTT
574451	TGT	GTAAGGA	GTCAGGATGG	TATCTATTGC	AAACATGAAC	TTGAACCTTG
574501	AG	GATGTGCT	AGAAAGAGAG	GAATTAATGTG	GAGGAGGGCT	CTCAGGCCCA
574551	GCT	GGGCCAC	CTCTAGTAAG	TTAAAGGAAG	CAGCCAGCCC	TCTAGAACAG
574601	TGG	TCTCTAAC	CCTTCTTAAC	ACTGACACTC	TTTTAATGCAG	TTCCTTGTGTG
574651	TGG	TAAACCCC	CAACCATAAA	ATTATTTTTTG	TTGCTATTTC	TTTTTATTCT
574701	TTTT	TTTTTTTT	TTTCAAGACA	GGGTTTCTCT	GTATAGCCCT	GGCTGTCTCTG

574751	GAACACTACTT	TATAGACCAG	GCTGGCCTCA	ATCTCAGAAA	TCTGCCTGCC
574801	TCTACTCTCT	AAATGCTGGG	ATTTAAGGTG	TGCGCCACCA	CGCCCAGCTT
574851	TGCTTGCTGT	TTCTTAACTG	TAACCTTGCT	GTGCGATTG	CTATTGTTAT
574901	GAGTCATGAC	ATPAAATCTCT	GTGATTTCCT	GGTGGTCTTA	GGTAACCCCT
574951	GTGAGTGGAT	TTTTCACCC	TAGAGAGGTT	ATGACACCAA	GGTTGAGAA
575001	TGTGCTGTTA	GAGGGACATG	GGGAAGCTGT	GTCCCTTGGC	GGAACAGTGA
575051	GCCAGAAGGG	AGTTGTTAGA	GAATTGGGTG	AGGACAGCAA	GCCATTCTTA
575101	ACAGCTCGCT	GTAAGGTCTC	TCCTCAATTT	CCCTGTGTTA	TTATCTCGTT
575151	CCCCCACCCT	TGCTGTACAC	TTTCCAGTAG	GAATGATCCT	TTAAAAAAG
575201	AAAAAATAAA	TCCCCACTAG	ACGGTGTCCCT	CCCTAGATTTC	ATTGCTCCCA
575251	ATTTCTCCCT	TCTCAAACCT	AGCCTGATCT	CCTCGTTCGA	GCAAGGCTAT
575301	TCTGTGATTT	GCAGCTCCGA	CCTCTCTCAT	GACTCTCTCT	CCTTGGTCTC
575351	ACTGATTGTC	TTTTCTGATT	AAGAATATTC	CTGCCCAGGG	CCTTTACCTT
575401	GAATTTAAAA	GTTCCTCCATT	TTAGCACACT	CTTCCCTTCA	GGAGCTCTTT
575451	ATCTGCTATC	CTAGAACGTA	TATCTATGTC	CACTTAACTA	CCCAACATCA
575501	GAGAAGCAAC	CCCTACCCAC	TCAGCAAACA	TAGCGGGGTC	ATGGTTGACG
575551	GTCCTTGTA	GCCACGTCCC	CTCACTTGGC	TCCCAAGTTG	CTCCGTCTCT
575601	GCCTAAGATA	AAATGAAACT	AAGCTTCAGA	TCTGTGACTG	ATGTTAAGCT
575651	CTCGGTACCA	TTCAAAATTA	GGAAATCTAA	AGGGGATGTT	TTTGGTGTGG
575701	TGCGCAAGCA	TCCCACTGTG	TTTATTTTAA	ATGTCACAGA	TTTATTTAGA
575751	AAAATAATTT	CTTCTCTGTC	TTGAGAAGGT	TGACACCTTCT	TGTATAAGCT
575801	TCTTGAAAGT	GGATTTGGGT	ATGGTGGGGG	GCCAAGAAAA	TGATAATTAA
575851	TTTCTTTTTT	ATTTGGTGT	AAGAATAGTC	TCCAGTGTA	ATAAGCAGAT
575901	AAAAAATAAA	ACCAACTAAG	CAAGCACACT	GGTCTAGTAT	TTTACTGTGC
575951	GAACCTCAGG	TTCAACCTGT	GCTGCAAGTT	TCTGTGGGTG	GAAAGGGAAT
576001	TCTTTTTTTT	AAGCTGAATA	TATATTGGAG	TGTGGAAGCA	TTTCTCAGCT
576051	TCTCCCGTAT	TTCCGAAGCCC	AGCACATGTG	TTCAGTTGTG	GATTTCCAGA
576101	GAACCTGGCA	TCCCGAGCCG	ATGAGCCCGA	CAAGGTTCCT	AGAGTTTCA
576151	TGCAAGTTTG	CTTGGCTCAC	ACGGGTGCTT	TTCCACAGA	AACAATGCTA
576201	CCAATTGAGG	GTGGATTCCC	AAGCCAGCCC	ACAAAATCCA	TTTCTCTCTA
576251	ATTTCAACAA	ACATTGTGTG	AATACTTACC	AAGAGCCCCC	ATGTTGGGAG
576301	TGAGATGCT	ATGTGCTGTT	GAGAAAACCC	AGATGTCCCT	CTTGGCTGTA
576351	AGGGGTTAAC	AAGCAAACTA	GGAGGGCAGA	CAGGTCTATG	CCAGTATCA
576401	TTTCAATCAGC	CGTCCACTG	ACCCTGACA	TGTATGAGGT	ACCCACGCTG
576451	TATAAGCTGT	ACATCCCATT	CAGAGGCATG	GTTCCTCAT	GAATGGCTTC
576501	CTTAGTCTAA	GATGGGTTAA	CGCTCAGTAG	ATTCTGAGTT	TCTTTTGTGT
576551	GTTTGTGTTT	TTTGTGTTT	TGGTTTGGTT	TGGTTTGGTT	TGGTTTGGTT
576601	TGGTTTGGTT	TGGTTTGGTT	TTTCGAGACA	GGGGTTCTCT	GTATAGCCCT
576651	GGCTGTCTGT	GAACCTCACT	TGTAGACCAG	ACTGGCTTCG	AACTCAGAAA
576701	TCTGCCTGCC	TCTGCCTCTC	AAGTGCTGGG	ATTAAAGGCG	TGCATCATCA
576751	CTGCCCGGCA	GATTCTCTTT	CAGTGATTCT	ACCTAATGAG	CAACTGCCCTG
576801	ATCCTTAGAA	GTCTAACGAG	CAGGTATTTC	TCACATTTTA	TTATTTTCCAC
576851	TCATGATGAT	GCTTGTTCAG	TGTGGGAGGA	GGAAGAGGTT	TGTGTCGTGC
576901	TATCAGCGAA	ACTCAGGTCT	CITTCATGTG	TCTGTCAATT	TGTACCTACT
576951	CTTAAGTCAG	AGAGCAGATG	TAGAAGATAT	TGAACCTAAG	TACATGATGC
577001	ACTCAAAGCC	TCTGCGCCCA	TCATGGTTAT	GGATATTCTA	CTGCTAACAC
577051	AAGCTCCACA	GCCAAGCTCG	ACATTAGTAG	GGTAAGGAAA	TAGACCATTTC
577101	TATTCCTGCT	AGTCAGATGT	ATCATAACT	GGCACGCGCA	ATAGCAGTAG
577151	AGATGAATCA	TTCTGGTACA	GGAAATTTTG	GAGACTTGGG	AATGTGCATC
577201	TTGTCTCTCT	GGAAATAAAG	AGATGAATAG	GATAGGGGCG	TATAAGGATA
577251	GACACAGAAG	ATGTAGGGTT	CCATGGAGAC	ACAGATAGGG	CATCTAACTC
577301	CCATGTGAAA	GGTTGGGGAA	AGCTTCTCTG	GGAAGAGATG	ATTCAGGCAA
577351	ATCTGAAACA	TAGGCAGGTA	TCAGGAAGGG	AAACTGGGCT	AGGTAAACAG
577401	TTGGCGAAGA	ATACACTTAA	GTTCCTGAAT	GTGGGTGTGG	ATGCGTGTAT
577451	GGCATGTTTG	GGGGGTGGGG	ATAAGAGGAC	ATGCTCAACA	GGGCAGATGA
577501	GTGCTTTAGA	TTTTGTTAGA	AGAATCTTGT	GGAGACTGAG	CAACTGAGCA
577551	TACAACTGAG	AGCAAGATGG	ACTTGGGTCC	TGCTGGGAG	CTGGCAGACC
577601	AGTCACGCG	TGGTTATAGA	AACTGGGGCT	GGGTTAGCGC	AGTAGTAGTT
577651	GGAAGCAGGT	ACATTGGAGA	GCTATTTTGA	AGCCAACACT	GACGGGACTT
577701	GGTGATTAAT	TGAATTTCCC	CTTGAGCATG	GCACACTAAA	AATAGGGCCA
577751	TAAAAATAGAA	GATGAAGATG	GCCACGATGG	AAGATGTATT	CTTTCTTCCT
577801	TGACCCAACA	TTGCACAAAG	AAAAGAGCTG	ACACTCAAAG	AAGCTAGATT

577851	CTCCCTGTGG	CCCAGGCAC	GGGTCTTAAG	GAGAGCACCC	GGGTCAAGTG
577901	AGGAGGACTT	CTGAGAGATG	GCAGAGGGGT	GTATGTTCTA	ACTCTTACCA
577951	GCAATACATA	TGCAGACATC	TGACTTGGGG	GACCAGACAG	ACAGATGTGT
578001	CCCTTCACTA	GCAGGGGTGA	GGAGGGGCTA	TCTACTTGGG	GTGAGCGGCA
578051	AACAGCATCG	ACTGCCATAT	TGGCACACTG	GGCAACACAG	ATCTACTGCC
578101	GTATTGGCAC	ACTGAAGGGC	ACAGCAGGGT	AGGAAGAAAT	AAAGTTCCTA
578151	AGGATGATTC	CTATGGGCGG	GGATCTGGCC	TGTATGTAGT	TAGCCTGTTC
578201	CTCTTCTACG	CCAAGCAGGG	GTGTATGGTG	GTACCCATGT	CTGGGGCTGC
578251	TGAGAGGTGG	AAATCAGATA	ATATCCCTGA	AACCTCAGGC	AGGAGCTTGC
578301	TCCTAGGAGG	TGCTATAGTG	GATGTCAGTA	AGGAGGGCCG	GTCACCCCTA
578351	GCTTCAGTGG	GAGGGTAGCC	TGAAACTGGG	CCTGGAAGAA	TGGTGTCAAT
578401	TTTTCCTCGA	GGGCAGAGGG	TATGGGAGAT	TCTCAAGAGT	GAAGAAGAGT
578451	TGAGCCAGAG	GTCTGTTTAG	GGAGTGGCAG	TTTGGATTTT	TTTTTTTTTT
578501	TTTTTTTTTT	TGTCCTTAGG	ATACTGGTTA	GGAAGGAAGG	AAGGGATAAA
578551	GGTGCTGGGA	AGGATGAGGA	AGTGGAAAGT	CTGAGTTTAG	ATTTAATTAG
578601	TATGTGCTGC	GAGCTCATTA	AAGAGCTTTA	AGCACAGGAC	TGTATTTTGG
578651	AAAGATTGTG	GACTTGCAAA	GATTATCGCG	ACGGCAGTCG	AGAGGATGAA
578701	GTGTATCAAG	GTGGGCAGCA	ACTATACTTA	CCTCTCGCAA	TTTGTAGAGT
578751	GAGTTTATCT	TGTAATCTCT	CCGGGGTCA	CTGCTCGGTC	GCTATTTTCT
578801	GGGCCCAAGT	ATAACAAATG	AACCTAGACT	GGGTCTCTTC	CAGAAAAATG
578851	GCTATGCGAG	AACAGCCATT	CACACTAGTT	CCTTAATAGT	CTCCATGCAC
578901	AGGGTAGAGA	CAGAGCCCCC	AACATGCTAA	TTACAGGGTA	TCTGGATCCC
578951	TCTTGATTAT	TTGTATAAAT	TTAACTCTCT	CCTATATTCT	TCTGCACATT
579001	TTCCCCACCG	TGGCAACAGT	TGGAAGACAT	TGAGGCAACC	CCTAGAAGCT
579051	TTTCTTGAAAT	TTTCACTCAC	TCTTGGGCTG	TTCTGCATAT	GGGATTTCTA
579101	AACATCATTT	CTCAGCTCAG	CCTAGCGGCA	AGCACCCCAT	GGTCCAGCTC
579151	CTGCTCGACC	ACTGACAGGC	TGGCAGGAGC	AGAGAAGGGA	AACTTTGTCA
579201	ACAGCCGAC	GGGAGCACAT	TCTAGAGCCC	AGCTTGCTCT	CCTCTCTTGA
579251	GGACTTCTCT	CTCCCTAAGA	GGCATTTCTT	CAAGAACTCT	GGTTTAATTG
579301	TGAGCCCTAT	GGGAACCCCT	CCCACCAACG	TGTGCAATGA	CAGTCCATGG
579351	GGCAGCATAC	CCGTGGCCAT	GCTCTTCCCA	AGCCCAAAAT	AATGATCTG
579401	GTTGCAGATG	CTGAGCCCGC	AGCATCCTGC	TAGCCAAAGC	CAGCCGAGTG
579451	AGCTTTCTCA	GAGAGTCTTC	CTTGGCCACA	GAACCTCAAT	CAACTCCACC
579501	CTGTGCTCCC	TGCTCATTTCT	TCCTGACACC	CTAAGCAGTC	AGGAATCAGT
579551	ATGACTTGTA	GCCTGCTTTT	TAGAGTAGAA	GACAGGTGTG	GGCTCTAAGG
579601	AATACCTTGG	GGCTTCAGAG	AACATGAATT	GTTTTTCGCC	CCTGAGGTGC
579651	TGGAGGTGAG	GACTCTGAAG	TGGGGTTTCA	GTGGACCATA	ATAGAGGTGG
579701	ATGGTGCTTC	TCCTTGATGT	TGTAGAAACA	CCCCATTACA	TTCCCCTTTC
579751	TAGCTTCTCG	AGGCACCTCA	CATTCTCTCT	CAGCTGCCCC	TTCTGCCCCT
579801	TTCAAATCTT	AACGATGCAG	CGTCTCCAGA	CTCTGCTGGT	TCTGTACTCT
579851	TCTCTCTGAT	CTTTGTGCTC	ACATCGGGCT	CAGAAATAAT	GTCAACCCCT
579901	ACCTTAAGAT	CCTTAATTTC	CCCAATTTTG	CAGAGTGTCC	ACCATGAAGG
579951	TGACATCATA	GTCAATGAGTA	CTAGGTTGTG	GACATCTTTA	GAAGCCATTT
580001	TTTACCAGCC	TCAGATTATA	CCTACCTGGG	TTTATGTCCA	GTTCCTCAAG
580051	CACCTCAATT	TCTACCATTG	TAGGGGAAGG	GCAAAGAGAC	AGGAAGGAGA
580101	TGGTGTCCTT	CAGAGAGGAC	AAAGCTGGAG	GAGCAAGGGC	CCCGATGGAC
580151	ATTACATAAT	AACCTTGTTA	CTGAGAAAAG	GAACAGAACT	CAGGGGCCCT
580201	TTCCAGTTGA	TAAACTACTC	TGCACATTCA	TCCAACAGAT	ACTGAACACC
580251	TACTATGTGT	CCTATGTTCT	CAGCTCTAGG	ATTTTGTGGT	CTCTCATTTA
580301	GTTACCAGCA	GTCTCATGCA	AGTCTTTTGA	GCAAGGGATT	TTAGTTTCTC
580351	GGAGTTTACCA	TAAGGGGAAGT	TGCCACAAAG	TTGGTGCGAC	TTCTGCAAGA
580401	CAGACATATG	AACCCCAAGT	GTCAATGTGG	CCATGTATCC	TGTGAGGCTC
580451	TAGCGCAAGA	TCTGCCCTCT	CACGTCCCAT	GGTGGTTTCT	GTGGCTTCTT
580501	GGCGCTATCT	CTGTGATCG	CCTTCTCTGT	ATACATCCAA	ACCTCTTCTT
580551	CCTTCTCTCT	AGCAAGATAC	CAGTCAGTGC	AGACGTTTAA	CCCCAGGATA
580601	TCCCCAACTG	AGCTCCTTAA	CTAATTATCC	CTTTAACGAC	TGTATCCAAG
580651	GAAAGTAGCA	TTCCGGAGGT	CTGGGTGGGC	ATGTCTATCA	GGAGGAAGAG
580701	ACCAGTCTCA	AAATTTCACAA	GGAAGTTGCA	TAGGGGAAGG	CAAGCAAGAC
580751	TAAATAAACT	TGAGAAAGGG	AAAGAGGGAC	ACTGAGTAGG	ATGGGGGAAA
580801	GCTGGCAGTT	TTAAATTTGG	GGTCTTGGAA	GGCCACTGTA	ATATTTAGCA
580851	GAATGGCCAG	CAAGAAGACA	CTTGAGAGCA	GAAGATCATT	ACATATCTAC
580901	CTTCTTCTTT	TCCTTCTCTG	GAGCTGAGGA	TATGTCTCTC	CATGTGCAGA

580951	TCTCAGGCTT	GAAGCCTGTG	CAGTGACACT	TC'TTTATGGT	CCAGTGCAC
581001	TCTAATGAT	GTGATAATGA	TAATGATGAG	ATTTGGGGGG	GCCCTCTCTT
581051	CTTGTGTGAG	GACCCCAATG	TGCCAACTAA	TGTGTAATGA	GCAGTAGGGG
581101	CAACTGTCTG	TGGGGTGGAA	GCAGTGGGGA	GCAGAGAGGA	ATCTGCTGTT
581151	CTCGCCCTTG	GGCCTTCC'TG	AATGACCCTG	ACAGAGCCTG	AACCTGGGCA
581201	TCTGGGTTAG	TGTGGATGCT	GGAAGGGACT	CGGGAGACCT	TCCCAACAGTA
581251	GAA'TGGGCTT	T'TGGACAAG	CGAAGTCTCC	TGGGTTCTTT	ATCCCTTAA
581301	TAGT'TGGCTG	AAGATCCATG	GGCTAAGCCT	AT'TGCATGG	CTGTT'TTAT
581351	ATTTCAACTG	GATACAAGTT	AGAGTCATCA	GAGAGGAAGG	AACCTCCAGT
581401	AAGGAACCTC	TGCC'TTGA	TCAGGCTGTA	AGGATTTTCT	TCAATTAGTG
581451	ATCAGTGGGG	GAGGACCCAG	CTCATGATGG	GTGGTGCCAT	CCCTGGGGTCC
581501	TAGGTTCTAT	AAGAAGACAG	GTTTGACAAG	CCAGTAAGCA	ATCCACTCCA
581551	TGGCTCTGTG	ATCAGCTCCT	GGCTCCAGGT	TACAGTCTGT	CTTGAGTTTC
581601	TATCTTGGCT	TCTCTTAATG	ATGGACTATG	ATCTGGAAGT	GCAAGACAAA
581651	TAAGTCTTCT	CTCTCCCAAC	TGTCTTTTGG	GTCTGATGTG	TTCGCAATAG
581701	CAATAGAAAC	GAAGATACCT	ACTTGCCATA	GAAGAAAAAG	AAGCAACAAA
581751	TGT'TTGGAGC	GCACAGCTCT	ACTATTGGCC	CCACAGCGAG	T'TGGCAGTTT
581801	TC'TGTACCTT	ATACATAAGC	CAGT'TTGGTT	TG'TTGGTAA	AAGT'TGGCCA
581851	CAAGGACCTC	AAGCCT'PAC	ATTTCAACTC	CCGTACTATT	CTGCACATTC
581901	TCTT'TAAGTG	ATGCTCTAAT	T'TCCAAACAG	CCCATTAAG	AGCACCCCTT
581951	CTAGTAAATA	CATGTTT'TAA	TGGAATAAGT	T'TTTT'TTTT	T'TTCTAATG
582001	ACCTATCTCT	GGCAGGGCAC	T'TTCAATAAG	ACGTAATTGAT	CGGCT'TTTTA
582051	AAAA'TCCTC	AAATG'TTCT	ACTT'GTCTCT	GTGACCTCGT	GTTTGTCTCTG
582101	T'TCTACGAC	CT'CTCCACA	TCTGAAACATA	GTG'TT'PAGAT	CTGCAATCTG
582151	AGCCTCGCCT	CGCAGTCTTT	GGT'TT'GCTC	TCGT'ACCATC	TGTAAGTGCT
582201	AGGCTGTTTG	CAT'TCTGCTA	T'TTGAGAGTGT	GTGCT'GT'TTC	TGATAGTTGA
582251	GATAGGAGTT	GATATGAACC	TGCAGGAGAG	GGCTAATAGT	AT'TGCT'PCCA
582301	CCGAGCTATT	GCTAGGGAAA	TGGGCCCTCA	ACACCTCTAC	AGT'TCTTCCT
582351	AATGACATAT	GGGGTG'TATA	AGGTAGAGGT	AGAAGCCAGA	CCATCTCTGG
582401	CAAGAGGCCA	TCAC'TT'PCTC	TCT'GTCTPCC	ATGCT'GCCTA	G'TTTTCTGAA
582451	ATACCT'PCTC	AACAT'TCTTC	CTATGAAGGT	CTACAC'PAGA	ATTTGAAAACT
582501	GAGAAC'TTTT	GGTACACCGC	ACTTGTCACT	TGCAGGAAGAA	T'GCATAGAG
582551	TGAAGGCCAT	ACATCACTTT	TGTTTGAGTG	T'TTCGCTCTG	CAAA'TGTGTT
582601	TAGG'TGGGC	TAAACAGCTC	TAAGT'TTCAA	GACAAAGACT	GAATTTCCAC
582651	AATGCCAGTT	AACAGAC'TGA	CCTAAT'GGAC	AAAAATCAAT	AAATTAGACTT
582701	AGCGAGATAT	CTGGAAGACA	TGGAGAAGAA	T'TTAGTCCCT	T'TCAACTTTA
582751	AT'TCTCAGCC	CAATT'CATAG	AAAC'TTGTCT	GAACAC'GAGC	ATATGACCAG
582801	ACCT'TTTTCT	AGATTCTGGG	GGAAACAAG	ATGAACAAGG	CTGTG'TACCC
582851	TAGAGAATAA	AAAAATTAGT	TGGGGAGGAG	ACGATCAATA	AATACTCTTA
582901	AT'AGCTGATG	T'TTGAGACAT	AAGGAGATAC	CCAAACCC'TT	T'TCTCCTGGG
582951	AGATGGGAAG	GCTGTAAAGG	TCT'TGGGAAG	AGCCT'TGGGC	TGPGCATPCC
583001	T'TGTATGTA	GGAACACATT	TACGTATGTG	AAACAATATA	GAAAAGCTAT
583051	GTGAATGGAC	ATAT'GGTCAA	CCTATTACTT	AAGACCTACC	TAGTCAATTG
583101	CAIT'TTGTAT	TGT'TTAAAG	TACAAGTTT	CTGACTCTGC	CTAGGACATT
583151	AT'TGCTGTCT	TAGATAC'TGC	TCTA'TTGTCT	TAAAGAGACA	CTAAGACCAA
583201	GGCAACT'GTA	TTGAAGAAAG	ATTTAA'TTAG	AAGT'TTACTT	ACAAATTTAG
583251	TGTGTTAGAC	CATGATCATT	ATGGCAGGAC	ACAGACAGGC	ATAGTGTCTGG
583301	AGCAGTAGCT	AAGACCTTTCA	CATCTCTGAT	CCACAGGCGA	CAGGCAGGAA
583351	CAGTCAGTTA	GACAGT'TTG	GTCCGSGTGG	GCGCTTTGAA	ACCTCAAAAA
583401	AAGCTTACCC	CCCAGTGACA	CACCT'GCTCC	AACAAGGCCA	CACCTCTTAA
583451	TCTCTCCCAA	ACAGT'TCCAC	TAAGGAGCAT	T'TAAACATAG	GAGCCCTAGG
583501	GAGCAAT'PCC	CACATAAAACC	ATAACAGTTT	CCGAGCCAAA	ACTCATGGGA
583551	ATTGCTTCCCT	AATA'TGTGTG	AGTGT'GGAAT	T'TTATCTCCC	T'TAAGATAAC
583601	ACTCTGCCAT	TGTTCCAGGT	TGGCATATCA	TTCATCTCTT	CC'TTGGTAA
583651	TCACAAGACA	TGCATAAT'G	AGGCCCTCCG	AAGGCT'TGTA	CGAGGGGACC
583701	TAT'TTAA'TTT	CATGTGACTT	CTATGTCCTA	AACCTCTTGG	CTAGAACACT
583751	ATCATCTCAC	T'TTGAATAATC	CAGATA'PACC	CATATTTTCC	T'TTATGGATA
583801	TGTCCTGGGG	AACAACCAAG	TGACTT'GGGT	ACTT'ACGATG	T'TCTACT'PAT
583851	GGAAGACTAT	AAACAT'TTTA	GACAGACTAG	AGAGAATTGTG	AGGGCTGTTG
583901	ACAGACACCA	TGCTAACTAC	TC'TCCATGTA	CC'TAGTATGT	CTTCTGTTTG
583951	TCTTGGAGGT	GGATACAATG	ATAACCTGTT	TCATGAAGTC	TAA'TGAGTTC

584051	TATGTTGTGT	ATGCCCTCCAT	ATAAAGCCTG	TATTGGAAAC	AGTCCCTAGC
584101	ATAACAGTGT	TGGGAGGCAG	GAGGTTTCATA	CATATTTTAGG	TCTACACTCA
584151	TGAATAGCCC	AATGCCAGTT	ATAAAAAGAGA	CTCAGGCTGC	AAATTCGATT
584201	TCTTACTATT	TCTGTGCACAT	ACACCTTCTC	CTTCAGTTGCT	GCCCTCTGCC
584251	ATAGAATGAT	GAAGCAAGAT	GGTTCCTAGCT	GGATGCAAGA	AACTGACCTT
584301	GGACCTPCTTA	TGGGCCCTTG	GAGTTGTGAA	ATAAATAAAT	AAATAAATAA
584351	ATAAATAAAT	AAATTTCCCTA	CTCATGACAT	TCTGTGCACAG	GGGCACCAAA
584401	TGGTGTAAGG	AAAAGGGCCC	CTTGGTGACC	TGTTGTATTG	TCTACTGCGAG
584451	TGTCGACATG	GAACAGTGGA	TGCAAAAATG	GTCTTGGAAA	GCCATACTGC
584501	CTGATGCACT	ATCTCAATCC	CTCTGTATAC	TAAACGACAC	TTAGGAAAGC
584551	AATGCGGAGT	CTTGTAAGAAG	CTGTTCCCCC	TATGCTGTTAA	TCAGGGACAA
584601	TCATGGTTAAC	TACTTCTTTTA	GTTTAGTTTAA	GTTTAGTTTAA	GTTTAGTTTG
584651	GAATAAATGA	GTCAAGTCAT	GTGAAAAGAC	ATCGCATGGC	ATATAAGACA
584701	TTTTTGCCCTT	TTCTAAAAAA	AAAAAAAAGT	AGTCATATAAT	TCTGTGTTAT
584751	TAGCATCATAT	CTCTCAATAA	GACTGACTTG	CAGACCCAGT	GATGAAGAGC
584801	CAGTTGTTTT	TTTTTTTTTCA	GCTTCCTTAG	CAAGTTATTT	TGGCATPCTC
584851	CCCCCCCCC	AACCCCCCTG	ATCCTGACTC	TAGGAGCCTT	TAATTACAGAG
584901	TTTTGGTTTGT	CACAGTGACT	TCCTGTTCTC	TTTCATTTAA	TGGAGTCTGA
584951	TCCTCTTCATC	TTGTGGAGTG	GCAACTGTAA	TGCAATTCAC	CCGACTCTTG
585001	AGACCACCTG	GTCCCTCCTT	TGTGTGCTGT	ACCTTTCCTA	AAGATGTACA
585051	CCCCGTGTGC	AAATCACTTA	GCAAGGAGCC	TTGGGATGCT	CTTGGAGCAA
585101	ACCACCCCC	TCTTGAGGAT	GCAGTTGCC	ATGTGAGAGG	AGCAGAGCTG
585151	GATTGTTGGT	TTGTTAAAGG	TTTTCTGATA	CCTTATCATG	ATAGGATCTT
585201	GGGACAGGT	CACACTCACC	CCACGTTCAA	GCCAATTACC	TGATATTTAG
585251	TTATCGAATT	CCTTCAGGGA	CTGCTGCTC	TTGGTGAACA	ATTAGATTAG
585301	AGGATGCTGT	TGAAATCTGT	GTGGCAGGAA	GTGGGAGTTA	CATTTCTGAG
585351	CTCAGAGTPT	CTATTTCAGG	GTGAGTAAG	TGGTAATATT	TTACTGAGGG
585401	AGTCTAGCCT	ATAAGAGTCA	GATTCTCAAG	GTCTGTCCCC	GCCCCACCC
585451	TGGCGCAGTA	CGTGGATGGA	CACTTCAACC	TGCTTGGAAA	ACCTTCAGGTT
585501	TCAGGTTTTTC	GGAAAGCGGC	TCCTCTGTCC	TTTCATGTTGG	CATGAAAAACA
585551	ATTAATAATT	TAAAGCCAGC	CCATTTTAAA	AAATAGAAAT	GCTATACAAA
585601	TACAAATAAC	ATAAATTTAA	AAGTCGATCC	AGTTGGGCAC	CATPCCCAGA
585651	CTACCAACTG	AGCAGACACA	CAAATAAGTA	AAGAAGAGGA	AAAATGCTA
585701	TATAATGCAA	ATGGCTGCCA	TCTCCTTGTT	TTCTCGTGTT	CTTTTATTGC
585751	AGATATAATA	TATCAAGGCT	ACATTATGGG	TAAATAGGTT	TTGTGGCCTA
585801	ACCCAGAAAA	CCTAATCACA	GCTTATAATA	TTATTTCTAT	GAAGGAAATA
585851	TATTTTATAT	TATAAACAGA	TGTTTGGCAA	GCAGTATTGT	GAGCACATC
585901	AGTTTGTAGG	GCTGGGTCTA	CCGGGGATTT	TAACCTTTAA	CAGAACTGGA
585951	TGCTCGGATG	TTGAAACCAC	AAGGCATCTT	AGAGGACCCC	GGTGAAGTGA
586001	TTCTCTCCAG	AATCTTCACC	AAGATTTTCA	TCTTAAAAAC	TGCCCTCCCC
586051	ATCTTTGTTT	TTTGGTTACC	TGAGACCCAC	TTTCCCGTCT	TGGCTCAGCC
586101	TAGCCACGCT	TTCTAAATTC	TGTTGAGACC	CCAGGAAACT	GGGAGGTACT
586151	CTGAGAGGCC	TTATCCTGTG	CACCTTATAA	AATGGTGCCT	AGGGTCCTAG
586201	GAGGCTACCA	GTGAGAGAGC	CTGTGTGCCT	TGGAACCTAG	GTCACTGCTAG
586251	AAGAGTGGTT	CTCAACCTGT	GGGTCTTGAC	CCCTTCGCAG	GGCGAGTGAC
586301	CCCTTCAAAC	ACACATGTTT	ACATTAGAAT	TCATAACAGT	AGCAAAATTA
586351	AAGTTAGGAA	TTAGCAACAA	AAATAAAGTT	TGGGGTTGTC	TCAACATGAA
586401	GAGTTACATT	AAGGGGTTGC	AGGATCAGAA	AGTTGAGAGT	CATTACAACG
586451	GAAAGAGAAC	TAAACGGGAA	TCACTCAGAT	AAGCACCACG	CACAGGTGCT
586501	GTTGCTGCCA	TGTTTGGGTT	GTGGAGTTT	TCAGGTATAC	GATGGGCTAC
586551	ACAGATTCTT	ACTGACTTCG	GAAGCAAAC	CACCACATCG	GAGTGGTTTC
586601	TGAGTGTGAG	AGAGTGAGCT	TAGCAGTGTC	CGGAAGCTCC	ATTGGCCACT
586651	TGAGGCTGAG	TAGCTTGGAA	CATGTTTCTT	GGGTTGCAGA	TGGGGAGGAG
586701	GATCCATTTT	CTTATATATT	CGGGTGGCTG	TATTTAAAGTC	TATTATTAAT
586751	TTGAACAAAAT	TGAGTCTATA	ACACATTTCT	AGTAAGCTGA	GAAGAGACTT
586801	CTTAAATAGT	TGCATGCAC	AATTTGTTAC	ACATAAAGAG	TTTTCACTTA
586851	AGGAAAGTTT	TTTTTTTTTT	AATTTAAATT	AACCTTTTAA	TTCCCTTCAG
586901	GAAATTTTTT	TCTTTGACG	TGGACAGTTT	TATGTTCTAA	CTTTCAAGTA
586951	GATTTGTATC	TACTTATGTA	CTTGATCACG	TAGGCATGAG	ATCTAACTAG
587001	GAATAGGAAC	AAAAATAAAT	AAAAACAGTA	GTTAGAGTTT	TCTAGAGGAA
587051	CCAACACACA	CACACATGTA	TGTATGTATA	GATTTTATTA	TGTATGTATG
587101	AAATCAGCCT	CATTGAAATA	GTACAACCTG	TATCTCATAT	CTGAGAACCT

587151	GGTAATTGCT	TGGTCTTGA	GGCTGTGTGC	CTCAGCAGTT	AGAGTAATCC
587201	CACAATGACA	GFCTCACAAT	GGGGAAGCTG	AGAACCCAGT	AGTTACCAAG
587251	TCTACAAGGC	TGGGTACGCC	AAACAATCTTT	ATCTCCTGCC	AAAAACTTGG
587301	AGTGT'TTCTG	GAGAGCCACT	AGTCCCCAGT	CAACAAGAGC	AGCCTGGAAA
587351	CACCAGCTCT	AACTCTAATG	TCAATGAAGG	AACCAGCAGC	AGCAGAGGCA
587401	GGTGAATTA	TTAAAGCGCG	AAGATGGAGG	ACCAAGTGAG	CAAAATATCC
587451	ATTTTAATTTT	GGGCTGCTAC	CAGGAGGCAC	CATCCTCTTT	CGGGGTGGTT
587501	CTTCTCAGAT	CAAGCAGGGC	AGTCAGGGCT	GCTCTCCGGT	GAGGCTTTT
587551	CTTCAGGTGA	TTCTAATTTG	TGACAAGTTG	CCATTAGGGC	CAACCAGCAC
587601	AAATAGCGAT	TGCTTTTCAGA	TTGATCCTAT	TGTGATT'PAA	ATATGTTCCC
587651	TGCAAAACCT	TGT'TTCTCCT	GGAGTTGGGA	GGTGGGGCTG	TGTGGAGGTG
587701	GGGCCCTGTTG	GGAGGTGTTT	ATGAATGAGG	GCTCTGTCTAT	CTCCAGACAG
587751	GCTTGAGACT	GTGAGT'TCTG	TCTCTCACTC	TGCGCTTTT	CTTACCCTTC
587801	CAT'TATAGG	TAATGCATCA	AAACATGCCC	TTGCCAGGTC	TGGGTCCTTC
587851	AGCCACTGAC	TTGTAAAACT	ATAAGAAAAA	AAAAATATAT	CTTCACAAAT
587901	TACTCAGCTT	CTGGTATCCT	GTTATAATTA	TACAAAT'GG	AATTAGCCTC
587951	ATAAT'TGGTA	CTCAGTAGTA	AGGCTGAGAT	ATAATCAATA	CCTGACAGCG
588001	TGGGCCCTGGC	TGGGAAGCTG	TCATGGGTAG	AAGCT'GTAAG	AGCCTGGGAC
588051	ATTGGGAGGG	GGAAAAATCT	ATCGCAGTGT	GCTGATTCCCT	TFAAAAAATA
588101	TTTATTGCAG	TGGTGTGAAT	GTACAATACT	TAGATATGCT	GTATATATAG
588151	TGTAACATCT	GTATATTTAA	TCATAAAGGC	TGTGCTTGA	AAACAT'TGTA
588201	AAATTAAGCA	CTTCAATTCT	TGTTAAATAT	GAAACATT'TG	TATCTTGTAA
588251	ATAAAGACAT	CC'TTAAATTG	GTTTTGGAAA	AAAAATATTT	ATTTTATTTT
588301	TACAAAATATG	TTAGAGCCTG	CATGTATGTA	AGTAT'GTGTA	CCATGTGTCAT
588351	GTCTGGTGGC	CACAGAGGCC	AGAAGACAGA	GT'TGGATGCC	TAGAAACTGG
588401	AGT'TATAGGC	AAACGTGAGC	TACCCAGGGT	TGTGTCTTGA	ATTTGAACCCG
588451	GGTCTCTGTC	AAGTCCAGCA	ACCGCCCTTA	GTTGCTCAGC	TATCCCT'CCA
588501	GCCCACTAAG	GGTCATTCTA	ATGTAGATGT	ACAGAT'TAGC	AATGTGGAAA
588551	AAGCCTGGGA	CTTCTTAGAG	ATTACAGGCA	CGGTCGTGAT	CAGAATATTT
588601	TAGAAAATAT	GGAGGTGAA	GGCCTCTGAC	AGGGTCTCCA	GTGAAAGTGA
588651	AGTGCAAAAG	TTTGGAACTG	GGAAATAGAG	CCATCTATGT	GAGT'TCCTCT
588701	TGTGT'TGCTG	TGCTAAAAATG	CTAGACCAAA	AGCAACTTGG	GAAAGAAATAT
588751	TTTAGCTTAC	AGTAGAGAGA	AAGAAGTAGT	ATGTCATGGA	AATGTCATGAC
588801	CTGGTAGCAA	GGGTGGGAAG	GTGGCTGGTC	ACAGT'TCATC	TGCACATGAG
588851	AAGGGGGAGG	GGCTATAAAC	CTCAAATCAT	CT'CCCTCATC	ACATAAT'TCC
588901	TCCCAACAAG	CTCCACCTCC	TAAATAACCT	CCCCAAACAG	TGCCACCAAT
588951	TGAGGGTCAA	GTA'CTCAAAT	ACATGGGCCT	ATGTGGGACA	TTTCTCATTC
589001	AAACCACCAC	ACAAGACAG	TGTGGTGAAT	TGAATATGGT	TGGCCCATAG
589051	GTAATGGTAC	TGTTGGGAGC	TGTGGCCTTA	TTGGAGGAAG	TGTGTC'ACTG
589101	CGGT'TGTGGG	CTT'TGAAGCT	CTTTGTGGTA	AAGAGCT'TCT	TCTAGCTGTC
589151	CTGAGGATGC	CAGTCTTTCT	GGTTGTCTTC	AGATCAAGAT	GCAGAACT'GT
589201	CAGATCC'TTC	TCGAGCACCA	TGTCTGCCTG	CATGCTGCCA	TGCT'TCCTAC
589251	TGTGATGATC	ATGGACTGAA	CC'CTGAAAC	TATAAGCCAG	CCCCACT'PAA
589301	ATGTTT'TCCT	TTATAAGAGT	TGTCATGGTC	ACGGTGTCTC	TTCACATCAA
589351	TAAACCCCAA	ACTAAGACAC	CTCGTTAACA	GTTCACAAAGG	GGT'TGGTAGA
589401	ACTGT'GCCCA	TGATCTAGGA	CTCTGTGAAA	TACAGATTCG	GGGT'TTCTGG
589451	TAGAAGAA'TT	TCTAAGCTAA	ATATTGAAGA	AGCTGTGTGA	TTACCT'TTTA
589501	CTGAAAGAAT	AAAATAATTT	AAATACAGAG	TTTGTAGTTA	AAAGGGAAGC
589551	GGGGAGAAAT	TT'TGGGAAA	TTCTCACCTG	GCCATATAAA	AAATGAAGAG
589601	GCATTT'TTAT	AAGATGGAAT	TAGGAGCGTG	GCCACGGGAC	CAC'TTACTGG
589651	AGATTACTAT	ATATAAAAGG	CAACCAGGTT	TAGTCTCATC	AGAGTAACAG
589701	GAGAAATGACC	TCAAAGACAC	TC'TTCAAAGT	AGGTTGGACC	CTTAGGGTAA
589751	AGCTGCCACA	GAGGTTCCCT	AAGGTC'CCCA	GCATTCA'TT	GCCAGGCCAC
589801	TTTGGGACTT	TGCTGCTTGT	GT'TCTGGTTC	AGTGTTCCTT	GGCCATCCAA
589851	GCTATGGCTC	AGGCAGGCAT	AGATACAGCT	TGGATTGACA	TTCTGGAGGG
589901	TCAA'TGTGGT	AGACCATGGT	AGGTAGCATC	TACTTGGTAC	TAGT'TTTATA
589951	CCTATGCATA	GTTCA'TGGGC	TAGGAGCCTA	TGATAGCCTT	CATCT'AAAAAT
590001	CAAAAGGCTA	TCACGGGCAG	CCCGGAGTTC	CATGCAGAAC	TTACTACAGG
590051	GATAAAGGGA	G'TGTATGTTG	AGAGTATTTA	CTATAGCGAT	GTCTAGAAGC
590101	TTATGGGAAT	GGTGTATCTT	CTGAGACCTC	AGAAT'TATAC	TAACTACTAA
590151	CCCTTCAGCT	CGAGGTACCA	GACCTA'ACTT	ATGACAGCTA	CTAAATGGAC
590201	TAAGCCCATC	CTAGCAITAG	TAGA'ACTGCC	TGAGTGCCTG	TGCCAGGATG

590251 TGGTCCATGG ACTTAAAGGA GGTATTCTCG GAGCCTGAAG AGTTAACGTT  
590301 CTCTCTCTTC CTGGGCTGTA GATTACATGG AATCAGTTTC TGCACACTTA  
590351 GTTTTTCTTCA TGGGAATGAGA ATGTCTGTCT GCTTGTCTGT CTGTCTGTCT  
590401 CATCTTTGCA TTTTGGGAGC ACATACTATA TTTTACATCA AAAATCTCAG  
590451 GGCCGGAGAT GATTGTCTCT GGATGTATCA GACATAGGTT CTCACCCACA  
590501 GCCAATTAG GTGAGAGCCC AGATTTTGAG TACGTACGGA GCCAACTAAG  
590551 TCTTTGGGGG CTGTTGAGAT AGAATGAATT TTCTGGCCTG GTTTTCATGG  
590601 GAGAGGGACA TGAAGTTTAA GGGTCAGATA TGCCATGGTG TGGCTTGAGT  
590651 ATGTCTTCTT CAAAAGCCTG TTTCGAAACCT ATACTCTGGT CGGTTCAGTTT  
590701 TGAGGGGTGA GGTGGAGATT AATGGGAGAT CAAGAGCACC CCACCCCCAC  
590751 CATGAAAGG AGAACTAGC AACAGTGAAT TCTGTGTCTT TTTTGACATC  
590801 CTCTTCTCCC AGGGAATGAC ACAGCCAGAG ATGTTTCACC AGAGTCAAGT  
590851 GCCCAGTCAT AACTATCCCA GTTTCTTAAG AAATAAATCT TTATTTTITT  
590901 TATAAATATA TGAGTCTGGG TCTTCTGCCA AAGCTGCACA GATCCTTGGA  
590951 AGAGGGGGAG CACATGCCCC AGCATAAGCA ATGAACACAT ACACAAACAT  
591001 ACAAAGAAC CACACAAAA CATACAATGA ACATACACAC ACAACACATC  
591051 AAAGAACACA CACACAAACA TACAAAGAAC ACATACACAA ACATACAACA  
591101 AACACATACA CAAACATATA AAGAACACAT ACACAACATC ACAAGAAGA  
591151 CATACACAAA CATACACAGA ACACATATAC AAACACACAA AGAACACATA  
591201 CACAAACATA AACCAAGCAC ATACACACCC CTGACATTTT C7CAGAACAA  
591251 CACTTGGGCT AAGATGACTC CAGTTTCCCT CTTATTCAAA TTTGGCCTGGC  
591301 AAAGTGAAG GAAAACCACT TAAGAGATCT AGGAATTGG CTGACAAGAG  
591351 AGCTTGCTTG TAATCCTAGC CCTTGGGAGG TGGAGGACA AGGATGAGC  
591401 ACTTGAAGCC ATCTTTGCCC TCCTACATTG TGATTTTGAG GCCACCTTGG  
591451 TCTACATGAG ACCCTGTGGA GGATGGAGAC AGAAACTGGA GAAGGAGAAC  
591501 CTGGCCATCG AGTGGTCAAG TGGCTCATCA ATCGCCAAGT GGAATGATAT  
591551 TTTTCATGTA TTCCGGGAAT GGCTTGAGAA TTTATCCATT TGGCCATTTT  
591601 CTTGATGGGT CCACAAGATT AAGAACGATT TGTTTCAACA GAAATCTCC  
591651 CAACCCCCCT GGTTTTGTMT ACTAAGATTG GGAAGCGCTG AGCTCTGCTC  
591701 CCCCTCTCTG AGAAATGCGA ATGTGTGGGT AATGTGCTGT CGGATTTTAA  
591751 CAATCTGCAA TATTTGAGAA GTAATAAGAT ACTGTTTGTT TGTGACCATC  
591801 TGGTTATACA TACTTGGTGT TGTGGTTTGC TTTTATTATC TTTTCATTTT  
591851 ATTTGTTTTA ACTGGTGAAG GGCAAGAAT GAGAGTTAGA AAAAAATCA  
591901 GATTTGGCTT TCTTATACAA ACAAGAATT CATATTTAGA TGTGCAACCC  
591951 AGTTAGTTGT TGTTTCTAGG GGGAGAGTAA ATGAACAGTC CAGTATATAT  
592001 TCTCTTTTAT TTCTCTTTTC AAAAAATAAT AAATAAGTAA ACTAACCTTA  
592051 ACTCCTAATT TGATCTTCAG CTCCAAACCT TTGGCTTATG TGA AAAATCAG  
592101 TCTCGTTGCC TGAAGAGGGA GTCAAGCATA AATCAAGATT CATGAAAGAA  
592151 AATTCAACCA CAGAACGGTC CTATAGAGAT TTCATATTTT ATCCATTTCAC  
592201 TCAAAAAAT TATCGAAAC CCTAGTATTT GCATCTCGTG CTGGCAGACG  
592251 CTGAGGGATT TGCTAAAGAA ACATCAAGAT GTTCTCCCTC CCTTCCACGG  
592301 GCTTAGTGCT TTCTCGGGGA GAAATGGCAT GGCCATGTGA AACAGTTAAG  
592351 TTGTAATTCA AGACAGCATA TGATTAATA CCAAAATGTG TGGTTCCGAC  
592401 AAGAAATGCT ATAGTTCAGA GAAGGGAGTG ATAACCTTGT AGCATGACTG  
592451 GTTTTTCTGC CTACAAATTG GCAAAATTGA GCACATTTTG TATGAAATAT  
592501 TTTTCACTTG CTTTTGTGGC AGCCTTAGCT CTGACCTCCC AGTCAGATT  
592551 AAGAGCCTGC AAAAAATTTT GTACTCCAGT CACTGTAGAA TTGGCTTAA  
592601 TTTTCTCCCC TTCTTTCTCC TATGCAGAGG AAGTGCCCTG GTACAAGCCA  
592651 GAGGGCCAG GAGAGACAGG GAGTTTTCAG TCATGAACCT TTTTCAGATC  
592701 AAATAAGGCA CCAGCCTTGT CATTTCTCTG ACTCCAGAGC TGCCATGCTG  
592751 GCAAACTCCC CTCTGACATT AGAGAGGTCT AATTTGAACT TAATGTCTGT  
592801 GACGGACGAG TGAGCCATTA TGGGTCCAGT AGATTATATG CCTTGGAGAA  
592851 TCACTAATGA AAATCCCTTT GGTATGAAG TTGGAGAAGG GCTAACCCAG  
592901 ATGTAGGAAG GGTTGAGACA CATATGTGCT CCTGGGAGC CCAGTTCCCTC  
592951 GGTGGGTGAC AAGCTAAGGG GACTTGGGAA TGCGCGCTAG AAAAAGCTTAC  
593001 CAACCTTCCC TTCTATATTT GTCATATCCA AATGAGCACA AAAGCTCAAAG  
593051 AAAAGGATTA AGACTAAATT GTTAAAGAATA AGAGAGAGAT GATAGGTAGG  
593101 GCTTCCAGGG GAGGGAGGGG GACACCAACC CTACCCATFA AACCTTCGAC  
593151 CCTGATTACA AGATATCTGG GGATAAAGAT AGAGCAGAGA CTGGGGGGAT  
593201 GGCCAAACCA TGCTTGGCCC AACTTGACTC ATCCCATGGG CAAAAACCA  
593251 TTCTTAACAC TAGAAATGAT GTTCTGCTAA GCTTGCAGAC AGAAGCCTAG  
593301 CATAACTAGC CTCTGAGAG CTTACCCCAA CACGTGATGG AAACAGATAA

593351	AGAGACCCAT	AGCCAAACTT	TAGGCAAAGA	TTGGGGAGTC	TTGAGGAAGA
593401	GGAAGAGAGA	GGT'TGGGTTG	AGGGAGCTGG	AGGGGTCAAG	CACACCACAA
593451	GAATACATAC	AGAATAAATT	AACCT'GGGCC	CACGGGAGCT	CCCCAGGACT
593501	AAGCCACCAA	CCAAAGAGCA	TGCAGGGGCT	ATACCTACGA	CCCCATATCA
593551	TATGTAGCAG	ATGTACAGCT	TGGTCTTCAT	TGGGGTCCCA	TAAACACTGG
593601	AACAAGGACT	GACTGTCTCT	GACCTGTGTC	CTTGCCCTTTG	GCTCCCTTAC
593651	CCTTTCAGGG	CTGTCTTTGTC	TGGCCTCAGT	GGGAGAGGAT	GCACCTAGTC
593701	CTAT'TGCAAT	TTGATGTGCC	AGGTTGGGCT	GATAGCCATG	GAGGCTGAAG
593751	GGAAGGGGGA	GTTGGGGGAG	GGGTGGGAGG	TGTGGACT'GG	GAGGAAGAGGA
593801	GGGCTGTGAT	CAGGATGTAA	AGTAAATAAA	ATAATGAAAA	AAACAGAGGA
593851	AGAAGAAATA	AAATCTTTTG	AAGTCAATGT	ATCGTTTGGG	CCCTTTCATA
593901	ACTGTGCTGC	CCCTCAGTGA	TTGCTGTGTC	CATTTAAATG	TGTTGGAATC
593951	TCATGAACTA	GGAGTTCCTA	GTTTCTTTT	AAAACCTCCAC	AGTTGTTTGC
594001	TCAGGCTCAC	CTTCA'TTTA	ATCTTTGCCT	GGAAGGGGTG	TGGT'TTCTCA
594051	AGCTACTCCA	TGTTACTCGT	TGGACTGTCT	GCATGGTGCT	GTGTCACTTG
594101	CGATAGGGT	TGCAC'TTGGT	GTTCACTCCC	CTCAT'TGGGT	TGGTGGCCCA
594151	TCTGGGAAGT	TAAAAGTGAC	CCGGAGTGAC	CCGCGCATCA	AGGAAGCCAG
594201	TGAT'TGCAGT	GTGAGAGCAT	CTATT'CATCA	AAGGACCTGG	CCCT'GGCCAC
594251	AGCT'TAAGAT	TTAT'TTGGGG	CATCT'CCCTGA	GCTGGCTGAC	CTGGGAGAGT
594301	GGCCT'TGCAA	AATATTTTGC	TCGTATCTTT	TGATATAA'TT	TGGTATCTGT
594351	CTAATAAAT	GTTCTGGAGC	AGATGGTTAC	AGAATGCTCT	ATCATATTTT
594401	TGGGCAGACT	CTGCCCTTGA	AATATTTTCA	TTTAA'TCATC	ATGTTGCAAAA
594451	GCTCAAAACA	GTAGCTTTAT	TATTTCTTTT	GAGCACAAA	TGAATCTCAC
594501	TCAATAGGTT	GGTAT'TCTGG	TTAATGTATT	GCAAGCCT'AA	AATATATTTCA
594551	AAATATAAAC	CTTTTCTGGG	CTGGTCTTAA	CGCGGAATTT	TCCACAGGCA
594601	CTCTTTATTT	TAGAATTCAT	GGAAGAGTAT	CCTTCCATTT	GAAAGTATTTG
594651	ATGATGTCAT	CTTGGGTGAT	AGCCTAGAA	CTGAAGTTCA	ACATGTTGTC
594701	AACATTTGTC	CTCTGTCCCT	AAACCTGATG	AAACACACAC	ACACACACAC
594751	ACACACACAC	ACACACACAC	ACCTCTGCTA	T'TTCTTTGTT	GC'TTTTCA'G
594801	AGTTTAAATAT	CAAA'TCCCTT	TTCTCATTTCA	AAATCAATAG	CCTACCATAC
594851	AAAGTGC'TTT	GTACTACTGA	TCATGAGAAA	GCTGTAAATTA	ATGTGTGTGT
594901	GTGACAA'TTT	ATCAGTTGGT	GTC'TTTTGTT	TGTTTGTGTT	TATAGTGTGA
594951	CTTTTCAAGG	GGAT'TGCACA	CATGCTGGGA	GCTTTGAAAA	CTGGCTGGAT
595001	ATTTCA'TCAG	GACCTAAAAA	ATGCCCGAAA	ATTCAGATAC	TTCGAAGCCT
595051	CCAGGAGAGA	GTAAGAGGAA	ATAATTTTAT	TGTCTTTTAT	GATAT'TGTCT
595101	TATGATATAG	GTACAGCTGC	CTTCTGGGTA	TAAAGAAAAT	CTTTTCACAA
595151	TGAAATAGGC	TTCATGACAG	GACTCCATTC	ATTC'TGTTGG	TGAATGGTAA
595201	GGCCCTGCCA	GATGTTGTCT	ATCTGCAAG	TGCCAAGGAT	GCAGTAATAG
595251	CCAGGTCATT	CGTGTACAG	CCCACCCCA	TAGAGGCTGC	CATCT'TGCTA
595301	AGTAAAGATG	ACCTTTAGGG	GTTGAAATCA	AAGAGAAGAT	GCATTTTTTT
595351	TATGCAGAAG	ATATCCAGCT	TGATTTTAAA	AATAGAGGAA	CAATAGAGCTC
595401	AGACTATATAG	TTGAGTAGAT	CCCTGCAATG	TGGATCTCAG	TGGGATTTTA
595451	T'TTTGATCAG	CCAGTCTTAA	TACCCTGTCT	TTCAGTCTTT	GAACCACTGC
595501	CGGTGCAGGA	GTCAGCAGG	AGCATGCACC	AAAGGGTATG	TGGGTCCCTT
595551	GGAAGCTCC	TGACATGGCG	TGAAAGAGGG	ACACAGAGAG	CGCATTTGGAG
595601	CAGAGCCTTC	CCTGATGCCC	ACACCCACCC	TGCC'TT'GAGG	GGAA'TAGAAT
595651	TCCTTACATG	ATGCTGTAA	GAGACATTTT	CTCCCTAAAT	ATGGCTCTTG
595701	TGTTATGAGT	AAT'TGCACAG	AGTCCCCGTC	AGCAGCCAGT	TGACCTGTGC
595751	ACTGCAC'TCA	CTGTGTTCTG	TGTGAATGCC	ACATTAA'CAA	GGAAATGGGC
595801	CACTT'TCTCT	TCTCGCTTTG	CCATTTCAAA	TAGCAAGAAC	CACGCCACTT
595851	AAGATGATTT	AACATTTAAT	AAAGGAAAGC	CAGGGCATTT	AATGAGTGAT
595901	AAATAATAAA	AGAACCAAGC	TTTCAAGTCA	TGACCGATCA	GAAC'TCATGG
595951	TGTTGAAAGT	ACTTGCTATT	GTTGCTTCCT	GTCAC'TCTCT	GAAAGCAAGG
596001	CGAGCTCCAA	ATCTCCAAAC	TCCTGCCAGC	TCCGTGCCAG	GGGTGAGAAT
596051	CAGAGTAAGT	GAAGTTCAGC	CATCCATACA	CAGGTGTAGT	CAAGT'TCTT
596101	TCTTACTGAT	CTGAAGAAAC	AGCCGGCTTT	GATGCTAAGT	GCTAGGCAAA
596151	AAGCATTAAG	ATGTTT'TGAT	ATCCTCAGGA	CTCTGATACA	TGGT'TAAGAT
596201	TATGCAAGGA	GTTT'TTCTCT	TTGTCAATGA	AGGAAGCTGT	AAGGGTGATA
596251	CTATACCTTA	GAATAGAAAG	AAAAA'AAAAA	TAGCT'TGCTT	AAGTGGCCGT
596301	TATACAGTTA	GCTTACCTAT	CTAGGGGTGG	TATAGCCAAA	TACCATTTTA
596351	CATGTCATCT	GGAACATTTA	AAAAAACCTG	TTTCCACTCA	CTCAGGAGTA
596401	GTAGATCACC	CCTGTAATCC	CAGTGTTCAA	GAGGCAAGGG	CAGGAGGATC



596451	CCTGTGAGTC	TGAGGGACCA	GCCTGGTCTC	CATAATAAGT	TTCAGGCCAG
596501	CTAGGACTCC	ATAGTGAGAC	CCTGCATCAA	ACAACACAGA	GCCAAAAACC
596551	TGTGCCCACT	CCACTCGTTC	CCCCACCCTG	TGTCCCCACT	GTGGCTTACC
596601	GATGGCCATG	GCCGTCTTCC	CATGCAGCCA	TTACATCACT	GTCCACAAAT
596651	CAGAGATAAG	TTCTTTTTTT	TTTTTTAAAT	TCACATGCTA	CTATTTTCAG
596701	TGTGCTTGTG	CATGCCATAG	CATGACTATG	GTCAGAGGAA	GGGTGGAGTG
596751	GGTTCTCTTC	TTCCACCGTG	TGGGTCCCTG	GGCTCTGACT	CAGGTTATCA
596801	GGCTTGTCTA	TAGGTATCTT	TACCTGCTGA	GCCACCTCAC	TGGCTCAATG
596851	ATTTGCTAAT	TTCCTTCAG	GTCTTCTTTA	AAACTATCTC	TTCCACTATF
596901	TTCCCTCCAA	CCAAGGGATT	GAATCTTATG	CATGCCAGAG	GCAAGCACTC
596951	TCCCACCTAG	CTGTACTCAT	TAGCTCTAGA	TTGTTCTCTT	TAATACTACT
597001	GATGCGGTTT	GACCCCTCTT	TCTCTCTTCA	GCTCTCCCTG	CTCTCTCTTT
597051	CTTCTCCCTT	CCTGCTTTAC	TGCCGTATTA	CCAGACCTGG	CTCCCTCTGA
597101	TCATGCTGTT	TCCACGTATT	TCTTACTCCC	TGGCCATCTC	TGACGTACAT
597151	GAAAGCCTCA	GGTCACCGTT	TCAATAGTGC	CCGACCCCTA	CCTAAAGAGA
597201	TGGCAGTCTG	TGGTTGTTC	CAATACAATC	TATTAGGTAA	GGTCAAGAG
597251	TATTTGCTAG	CTGTCCATCA	TATGCCCTGC	AACATCTGAT	CACCTTTGCA
597301	GGTATGGAAT	AAAAAATACA	TTACAGAAC	TTGGCTCATAT	AGAAGACATTA
597351	TTTTCATTACC	CAAAAGCAGA	CAGAGAATAG	GATGTCTTCA	TCTTCACTGA
597401	GGGATTCTATA	ATTAAAGAA	TTAATTAGAG	AAGCACTGT	TAGTCTGGGA
597451	TGGAITTCCTC	TAAAGTTTTT	GTGAGCAGA	AAGAAGAGA	AGAAGGGGAT
597501	GTAGTCTCCT	ATTGAACCGA	AATTTCTTGT	TGGTGCTCAT	CTGCTCCGT
597551	TGATATTATGT	GAGCATTTGC	TTAGTCAGGG	TTCTCTAAAG	GAACATAAAT
597601	TAGAGGGAGG	GAAGGAGGGA	GGGAGGAAGG	GAGATATGTT	TGTGTAAATA
597651	TATATATATA	TATATATATA	TACATATATA	TATATATAT	TAAAAAGGGA
597701	TTTACTAAAA	TGTTTATAG	ACTGTAGTCT	GAGAAGTCAA	AAAACTGAT
597751	TCTCCCAACC	ACAAGGCCAA	GGATCTAGTA	GTGCTCAGT	ACATGAGACT
597801	GCATATCTTT	ATAGTCCCAA	TCTGATACGT	GAATCCCAGG	TACATTCTAG
597851	AAAGCGTCTA	GGAAGAAGGC	TCTGATAGCG	GCAAGAAAT	GCTTCAGTAA
597901	CAGGATAGAT	GAACCTTGCTA	GCAAGAGTGA	GACTAAACTG	GCAAAAGAGT
597951	AAAGCTTCTCT	TCTTCGAGGT	CCTTTTACGT	GGGCTCCCGC	CAAACTGTGGC
598001	CTAGATTTTAC	AGTGAATCTT	CAGATCTCAA	ATCCAAGCAA	GAAAAATGCTC
598051	ACAGCTTGCTG	CCAGTTGCTT	GGGTTATAGT	TGATTTCTGAT	TGCAGACAGC
598101	TTGACAACCA	AGATCAGCCA	TCACAAGCAT	GAGATTTTGT	ATTGAGGCAT
598151	TGGTTCCAAG	CGCGGCTTAT	GAGCATGGCC	TTCCCAGTTG	AATGGCTAGC
598201	TAAACGGAGAA	GGGAGGCCAG	TAAAAACCGA	ACCCGAGTCA	CGGTGCAGAC
598251	ATGGTCCCAT	GGCATTACAC	ATGCAGTTAA	GAACACTGTG	CTCAACACAT
598301	ACAGAGAGTG	TTAGTGTTC	GTGAAATCA	TTAACCAATA	AGAATATGAT
598351	GGATTAGGAA	CAGAAAACCT	TTTTTCTCTC	CCACAAAACA	ACCTGGTTTC
598401	TAAAGGAGAG	GTGGCAAAGA	GACTCTTCCA	CAAACTAGAA	CGGAAAAAAA
598451	TTCTACCAGC	ACTGCTTGTT	TCAACAGTGT	CTCTTGGCCA	GTCTGAGTAA
598501	AAGCAAGTAG	TTGGGGGCTG	GAGAGATGGC	TCAGTGGTTA	AGAGCACTGT
598551	CTGTTCTTCC	AGAGGTCCCT	AGTTCAAATC	CCAGCACCCA	CCCACGTGGT
598601	GGCTCACAAC	CATCTGTACT	GGGATCCGAT	GCCCTCTTCT	GGTGTGTCTG
598651	AAGACAGCTA	CAGTGTACTC	ATAGACATAA	AAAAAATTAC	ACAAAGCAAG
598701	TCATATAAAT	AATTGAAATG	AAATACAGAA	AAATGTCACT	GCTTGCTAAG
598751	CCTACACTGA	TGCATATATT	CTAAATATAT	TCATTTGAAA	AACCATTGTC
598801	AGATTCCAAG	ATGTAAGTTG	CTTGAGAGAG	CACACGCTCC	CTAGCATCGC
598851	CAAAATTTAA	AAATATCAAA	AACTACACTA	AATAAATAAA	TAAATAAATA
598901	AAAAATACAGA	TGTTCTAATCA	ATCTCTCAGCA	TTCATACAGT	GTGTCAAGTA
598951	AACAACATATC	AACTTCCAGT	CTTTGGAAAA	AATAATTTCT	TTATATAAAG
599001	AATGGAAGTA	TTCAGGAACA	AACTTCAGAA	ACAACATGTA	TTTCTGTGTA
599051	TTAAAGTTTA	CTTTTAAAGT	GAGCAATGGT	GGCACATTTT	TTTAAATCCA
599101	GCACTTGGGA	AACAGAGGCA	GGCAGATCTT	TTGAGTTCAA	GGCCAGCCTG
599151	GCCTACAGCC	TGGTCTACAG	AGTGAGTTCC	AGGACAGCCA	AAGCTTCACA
599201	GAGACCTTGT	CTTGAAGAAA	AAAAACCAAG	CAAAACAAAA	ACCCAATTAC
599251	TTTTACTATAA	AGACACTTTT	TGGAGACAGC	TACCAAAAAA	AGAAATGTTT
599301	TTGGCTTGCC	ACAGTTTGTC	TCAGCCATTC	CCCCCCCCCC	CCCCCATCCA
599351	TAAGAAGGTA	GCAGAACAGA	GAGTGGTCTG	TTGAGCCTAT	TTTAGTTTGT
599401	TCATTGTATA	ACCTTCTCAA	TTAGAAACAT	AAGTGTAAAT	AGATATGTAG
599451	AAGATATCTC	TTTGGAAAGT	AGGAAAAACA	TCATGTATATA	TCCATAAACA
599501	TCCCAATGTTT	CTTAGGAGAA	TTTACTTCCA	TGACTTATTTT	TTCTAGATTTT

599551	TGAAAATGAGT	AGGAATTTAC	TTTATATTTAA	TACTGTATTT	ATTTGGAATA
599601	ATATGAGCTG	ATTTGAATAT	CTAGTGTGTG	TGTATATATA	TACATATACA
599651	TATACATATA	CATATACATA	TACATATACA	TATACATATA	TACATACATA
599701	TATACATACA	TATACATATA	CGTATGTATA	TATATGCATG	ACCACTGTTA
599751	ATAAATTATAA	ACAAAATGCAT	TATTTACACAA	ATACATTTGTC	TGTTTTGTACA
599801	TAACTGTATAT	AATGGTCAAT	GGATGACAAC	AGTAGTTCTTT	AATTTGTTCT
599851	GACTTTTAAAA	TAGTAAGATG	ATTGTAGAGAA	TACAACTCAA	AGATGAATAC
599901	AAGAAATTTTA	AAGATCAGAT	GTTATAAAAT	AAGGAGAACT	AGAAATTTTAT
599951	AAAAAGCAAT	GACTTTACAAA	CTATGGAAC	ATTCACTTCA	TAATTCATGT
600001	TAAATTTTAAA	AGTACATAAT	TCAGGGTTGA	TGAAAGGGCT	CCACTGTTTAA
600051	GAACACTGCC	GCTCTTCCAA	AGCTCGACTC	CTACGCTGAG	TGGCTPCACAA
600101	CCACCTGTAA	CTCCAGATCT	GACGGTCACT	TCCTGCTTCC	ATAGGCAACT
600151	ACACACACAC	ACACACACAC	ACACCCACAC	ACACACACAC	ACACACACAG
600201	CATACCCTCA	CACACTCTCT	CTTAAATACA	TACAAGAAAA	TAAAACAATA
600251	AAATATTTTAA	AAATATATATA	AGTGAATCTA	GGATAATTGA	GTAACTTTACA
600301	TAAAGAGTCA	CAGAAAATGG	AATCATATGT	CACATAGTTT	GAAGGTATGA
600351	TAATTTTCTTT	TAGCTCTGAA	GTATGTAGTG	ACAAAAAAA	TATTTATACA
600401	ATCAGTGTAT	TTTAAAAACA	GTTTGGGGCT	AGAGTAGTCT	AGGCAGTAGA
600451	GGGATTTGCTT	AGCTTTATGGC	TTTAAACCTC	ACACTCGGCA	AAAGTAACTA
600501	TAGAAGAGGG	AAAATGAATT	AATAAGGCAT	ATATGCTCTC	AAGGTATTTG
600551	CCATAGTCAA	ACTCTCTCAA	GACAAGAAAA	GACAGTAAAG	AGAAAAGAG
600601	AAAGATTAAAT	ACACGAAAAA	GCAAGTAGTC	AAAGGCAAA	GTCCTCAAAG
600651	AGCAGGTTTGG	GGAAAAGTAG	TATAAATATG	GAAATAGGTT	CAACCTTGCT
600701	AGTTTATGGAA	TAAATACAAA	TTAAAGAGAT	TATAAGTTAT	GCCCAACACC
600751	AGTGTGTGCTG	ATGCCAAATTA	GCACAACCTT	TTTGGAAAAG	AATTTGGCAG
600801	TATGTCCTCAA	AAGTAATAAA	TATATTCAGT	TGTTTAAATC	GCTTAATTTCA
600851	GGCATAGAAT	CCAAGGGAGC	AACTTGAAAG	AAGAAAGCCC	TACGCATAAG
600901	CCCTCATGGG	GGCGGCGTTT	ATAGCATTTAG	AAACCTGTTT	GGCAATAAAG
600951	AGAAAAGTTTA	AGTAAAAATA	GATCCTTGCA	TGTCCACATG	ATGGAATGTT
601001	TCCACAGCAGT	GAGTTCTTTTG	GCCCTGTGTT	TACTGCGATC	TAATTTGATTT
601051	CTCAACCATC	CCTGCATCCC	ATCTGACCCT	AGAGTCAGTC	CCTTTCCCTCT
601101	TTGTTTCAGCT	GTGCTCAACA	AAGAGCCATG	AATCTGGTAA	GGGTTCTCAT
601151	ATTTGGGCTGG	GGAAGCTCTC	TTAGTTACTT	TTCTGTGCTT	GCAATCAAA
601201	ACCAGGACCA	AGGCAGCTTA	GAGAGAGGAG	AGTTAGCCCTG	GGCTTGTGGT
601251	TCCAGAGGGA	CGTGAGTGAG	TCCATGGTGG	TGGGGTGGAG	GCAGGGGGGG
601301	AAATGGCAAG	AGGGGATGGG	AGGCAGGAAG	CTCACCTTGA	ACTGTAAGCA
601351	TGATGGAGAG	AGAGAAAAAA	ATAGTGCCAA	GATTTTAAAT	TCAAACACAT
601401	ACACACACAC	ACACACACAC	ACACACACAC	ACACACACAC	ACACTCAGTA
601451	GTGAACCTTCC	GCCAAACAAAG	TGTACCACT	GAGTGCCACC	AACTGGGACC
601501	AAGTGTTCATA	AAATCTCAGT	GCCTTCAAAT	CACATATGAA	GCCAGAGCTT
601551	CAGCTTTTAA	CTGTATTCGT	CAGGATCTCA	GACTATCTCC	CTCCCTCTCC
601601	CTCTCCCTCT	CCCTCTCCCT	CTCCCTCTCC	CTCATACTTT	CACCTCATCA
601651	CACATACATA	TATACATTTA	CTTTCTTTGT	CTGTGCTTTT	CATGCAGATG
601701	GTTAATCTTT	ACCAATTACC	GCAAGGTGTT	TTTTACATCT	AGTCTTAGAC
601751	CTTTATCTAC	ATATTGCATC	TTGCCCTGTG	TGTCGCTGAA	TTTTATTGCT
601801	TTTCGATTTAT	ATTGTAGTTG	TGGGCGTGTT	ATACCTTTGT	ACGTTACTCA
601851	AAATTTATTTT	TTTGTTTTTT	CCATTTACTA	ATACTTTTAT	TTCTGACCTC
601901	TCTATTTTTT	CTTCTATTTT	TCATATTTTA	TTCTTACTCT	CTTTGTTTTT
601951	CATGATTTTG	TTTCTCTATC	TCTCATTTTT	CCTAATTTTT	TTATGTTGTC
602001	TTGTATTTCT	TACATTTATC	TTTCTTTTAT	TTACTGCTTC	TAATTTCTAA
602051	CTCTCTCTTA	TATACCTCTC	TATCTCTTAT	CACCTCTCTC	TTATTTATTT
602101	TATCTTTTCT	TCCTTTTTTT	ATATTTATCC	CTTTCTCTTT	GCAATCTTTA
602151	TGACTTTATFG	TACTAATTTCC	TCTCGCTTAT	TTTGTATTTG	CTCTATTTTG
602201	AACCTCTCTAT	ATATTTTTCAC	TATAACATCT	TNFCCTATTG	CTCCTTATGT
602251	TTTCTCTCTCT	CCATACTCTC	TAACTTATAT	ACATCTTAA	GATTTATTTT
602301	ACATGCCGCT	CACGTGATTTG	TCGCTCATTC	TCCTGCTTTGA	TCACGCTCTT
602351	CTTTGTAAACA	CTTTATATAC	CTCTGCTACT	CTCCTCTPAT	TATCTTCTCC
602401	TCTACTCTCT	CATTTTATTA	CTTTCTCCAC	TCCTTCTATGT	TCTACTCATA
602451	TATTTTCTTAA	TTTCTTTTTT	TTTTTTTTTT	TTTTTTTTTT	CGAAGAGAA
602501	AATAAGTATA	AAAGTTAAAG	AAGATAGACT	TAGTCGAAAA	AAAGGAGCGA
602551	GAAACAATAA	GGAATAAGGA	TAAGAGAGAG	GATATAGAGT	GAGAGAAGCG
602601	ACTAAAGCTA	AAGATAGAGA	GAAGGATACA	TGAACCAAA	AGAATTTGGA

602651	AGAAAAAGAG	AGAAAAGAAGA	TAGACAGAAA	AAATAAAAGT	AGGAATATGG
602701	TAAAAAAGCA	TAGTACAAGC	AGAAATTGAC	ATATAAAACA	TGAAAAAGAG
602751	AGATATAGAA	GAGATAAAAA	GAGTGGTAGT	TAAGAGAGGG	TTGAAGGAAC
602801	GGCCTCTCCC	TCCTCCCTCTC	TCCTCACTCAT	ACACACACAC	ACACACACAC
602851	ACACACACAC	ACCTTTTGCTT	CCTGACCTCTG	AGCCCTCTCCC	ACTGTACCTG
602901	AAAGAGTATG	CTGGCTTCTA	TTTCCTACCTT	GGCTGCTCCTT	TCACCATCGT
602951	TCCTTTGATC	CTGCTCTTGC	CAAGGTCAC	GTTTGACCTCT	ACCTTAAAGT
603001	CCTTGTCCTA	CTGGGATGAT	TGGCAGTGTT	CCTTTATAGT	TAATTAAATTA
603051	ATTAAATTAA	TAATTAAAT	TTGCTTACTT	ATATAGGTAT	ATGCTTGTAT
603101	GTGGCTATGC	ATACCTATAT	AGGGCAGCAG	GTTTCTCTCTT	CTGCTCTCTCT
603151	TCACCTTACT	CTTTGAGACG	GGCTTTTCCC	TAAACTTGGG	TCTCACATCTT
603201	TTTTTACTCT	AGTCTGGAAG	GTAGCAAGCT	CTAATGGTCC	TGTGGGTGCC
603251	ACTTGGCTTA	GAGCTGAGGT	TCTAGGCATT	TGCAGGGATA	ACCAGCCTTT
603301	TGTGTGTGTC	CTGGGGTCCA	AACCTCCGTC	CTTATGATTA	TGGAGTGAT
603351	ACTCGACACC	TGAGCACCTC	GAAGTCTTGA	CCAGGAGCAT	TCATGAAACC
603401	CCCTCTTCCG	TTGCCTGTGC	ATAACACACC	CTGTCTTAGT	TACTCTTCTA
603451	TTGTTGTGAC	AGAAAAACAT	GGCTGAGGCA	TCTTGTAAAT	AAGGCATTTA
603501	GTGGGGCTTA	CCATTACAGG	GATGTAGGTT	TCTCCGTGA	GGATGGTAAA
603551	GGCATGACAG	TTGAGACAGC	TTAGAGTTTG	TATGTTGATC	CGCAAGTAGA
603601	CAGAATGAGA	CACCTCGGAAT	GCCAAAAGTC	TTTTGAATCT	TCAAAAGCCCA
603651	CCCCAGCTGA	TACACCTCCT	CTAATAAGGC	CATACCTTCT	AATCCCTPCT
603701	AAAAGTTTTC	ATCAATTGGG	GACCAAGTAT	TCAATATATAT	GAGCCTGTGG
603751	GTGCCATTCT	CACCTCAAACC	AACACTTAAC	CTCCACATT	TCTCTTATGT
603801	CACATCACAT	CTTGTGTGAT	CTAGGAAAAA	AATATGTGTG	TGTGTATAAA
603851	TATATATATA	TATATATATA	TTATATATAT	ATTATCACAT	ATATTATCAT
603901	ATATATAGTA	TATCATATAT	GTAATAAAT	ATATACACAC	ATATATACAC
603951	ACACACATAT	ACATAAACAC	ACACATATAT	GTGTATATAT	ATTCCAGTTT
604001	GGACTCATTC	TTTTTACTCT	TTGTCCATAC	AATCTTATCC	AGCTATCCAC
604051	TTCCATGGCT	TTATATATCT	TCCGTACATT	CAGATTCTCT	TTGTGTCTAG
604101	CCAGTATCGA	TTGATCTCTT	GACCTTACAG	CCTATCTTGA	TATATCTCTT
604151	TGATGACATA	CAAGTATCTT	GAACCTTGAG	GATCCCTCAG	TCCCTTAGCA
604201	AGTCCCACCT	CAGCATATAC	TTACCACTTC	TGATGCTTTC	ATCCATCAGT
604251	CTTCTCACCA	GAATCTCAC	ATTACATCC	CTCCCGCCAA	TCCGTTCFAT
604301	CCAACTCCCA	GATGCTTCTC	CTAATTGGTC	TGATTCTTTC	TAITTTCACTC
604351	TGCCCATATA	GCCCAGGCTT	CTGTCACTTC	TTGATGATGT	CTTGATGCCA
604401	TGTGACCTTC	TAGGTTGACT	CTACTGGGAT	GTCTGTCTGT	TCTTCTGTAA
604451	ACTCTCAAAG	GATAAGGACT	GTAGTTGTTT	AGCTAGCTGG	TTACTTGGTG
604501	CCTTGAGCAG	CATTGGCCA	TGTTAGGAGC	TTGTTATTTA	TTTTATAGAA
604551	AAATAAGCAG	AATGGTTTCA	GTTATGTAAA	AATTATGTGT	GAGAAC TGGA
604601	AGGAAGTGGG	GAATAATTAA	ACAGCTGACG	AAAATGGGAT	TTAGAAAAAC
604651	CAC TGATGAA	GGAA TTCAGA	GTAAGAGACA	CACATATAAG	AAATATGTAG
604701	TTATGCACCA	GCGTGTGTGA	TGGAGAGAGT	ATCATGGGAT	AAAGAATTCA
604751	ATATGACCGA	GAGTGCAGGC	CCCTGAGAAG	ATAAAC TAGC	AAGGCAGGTT
604801	TGGAGTTCAT	TCCCATACTC	CTGTGAACCT	GTGGTGGTAC	ATGAGCTGTTA
604851	ACCCAGCTCC	TCAGAAGGCT	GAGGCAGGGG	GATCACAAA	AGAGCCAGC
604901	TGGGATGCGT	ATGTAGACCG	GTTGTAAGAT	GCTTGCTAG	CGTGACCAG
604951	GCCTTGGGGT	CAGTCCACAG	TGTCACAGAT	AGGTAAAAAA	TGCTCTCATAT
605001	AGATGCTTAG	ACTTCAGGCC	AGGTGAACCT	GGTCTGAAGG	AACCTGCTTC
605051	CCACAGCTTT	ATTCTATGGA	CTGAAAACAC	ATTTTTTAAA	AAAATATTCT
605101	AAGATTGGGG	TATAGATTCA	GCAAGCTGTT	AGGGGTCACG	GAGAGACAGC
605151	AGGGAAGGCA	TAGGTGGCCA	TATAGGAGGT	CTGACGAGAG	ATCAGGAGGA
605201	TGAGAATTGA	GACCCCCCAG	GTGGTCCAGG	CCGCTGGTCT	CCATCCACAG
605251	TGAAAGGGCT	ACCTGGTCCG	CCACTCAGCT	TCCCACCTTT	AACCCATCTG
605301	CCGCC TGAAG	TCAGTTGATC	TGCTAGCATT	TAACCCCTTA	ACTTCCCCTC
605351	TCAATGAGAG	AGCTGCCTTG	ATTCTTTAGA	TATTTCTTGT	GGAGAAATGT
605401	GCTTTAGGAG	TTTGGGACTT	CAAGCTTTGC	TTTTTGGTCC	TCCTACATAT
605451	GCACTGTATG	CTTCTGCGCA	TGCACAGACA	CTCAGAAAA	CCCTCTTCTG
605501	TAAATCTCCT	CGGGGATTTG	ACCACATGGT	AAACCATAGC	TAATTTTAAA
605551	AGCAGATTGA	GCTATTATCT	GGTAGCATTC	ATAGGAAGGA	ATAAAGAGGT
605601	GGCAAGGGTA	CCTTAACACC	CAAAAGATCA	AGGAACAGCC	TCTTAAATAA
605651	ACCATGGATT	AGAGTCATGC	AAATGAAAA	ACAATCCGT	GTTTGCATGG
605701	GAATGCTTAA	TAATGTAGAG	ACATATGGTT	CACCAAAATG	ACAGAATACT

605751	TTTGCTGTTT	CAGTAAGATA	CATCATCCCC	TCAACCTCTC	TTGGATAATT
605801	GTGATTCTCA	AAAAGATGAA	CCATGTCTAG	GAATCCCTAT	GAATAATAAG
605851	ATAAATCAGG	AGGCATTTC	CTTATTAGAT	ATTTTAAAGTA	GTAAAAACGT
605901	AGTGACCATG	GGATAGAAGT	AGATTCCAAA	TATATTACAC	GTATTATATG
605951	GTAAATACATT	GC AAAACAGGA	CAC TGTGGTG	GTTTGGAA TGG	GAATGGCCCT
606001	CATACACTCC	TGTTGTTGAA	CAC TTTGGCCA	TAGGGAGTGT	GGCCTTGTTA
606051	GAGGAAGTGT	GTCAC TGTGG	AGACAGGCTT	CAAGGTAGTA	TGTATGCTCA
606101	AGCTATGCCC	AGTGGGGCAG	ACAGTCTCCT	GCTGCTGCCT	GTGCATCAAG
606151	AAGTAGAATC	CTCAGCTCCT	TC TCCAGCAC	CATGTCTGCC	TGCATGCTGG
606201	CATGCTTCTT	GCTATGACAG	TAATGGACTA	AACCTCTGAA	CCTGTAAGTC
606251	AGCCCCAGT	TAAATGTTTT	TCTTTATAAG	AATTACCATG	GTCATGTTGT
606301	CTCTTTTACAA	ACCAAGACCA	AACAAAACAA	AACAAAACCC	TAAGACAGAT
606351	ATCTTTGAGGG	ATGGGGAGAT	GGCTCAGAA	TAAAGAGTGC	TGCTTGTCTT
606401	TCCAGGGGAT	CCTGGTTTGG	TTCCAGAAC	ACACTTGGCA	GCTCATAACC
606451	ATTTGTAGCT	CCGTTTAGGG	TTAGGGTTAG	GTTTAGGGTT	AGGGTTAGGG
606501	TTAGGGTTAG	GTTTAGGGTT	AGGGTTAGGG	TTAGGGTCTA	ACCGTGATAC
606551	AGGCACATAT	AGATACATAT	ACATATATGC	AAGAAATACA	TTTATACAAA
606601	TAAATACAC	AAATCTAAAA	TGTTTCTGTA	AGTAAAGCTG	ATATCTTGCT
606651	TCAGTGGGGA	AAGGAAAGGG	TTTTTTTGTG	GTTTAGGAAA	TGGTGATGAT
606701	ATAGCTAATT	AGCCATCTGG	ATAAAAAATA	AATTGGACTT	TTATCCCCCA
606751	CTATAGATA	ACAAAATAAT	TCCAGATGGG	TTAAAAATGT	TAAGTTTAAA
606801	AAACAAAACA	GTAAGGAGGA	TGGAAC TATT	TAATCTTTGT	CTGTAAGCTA
606851	GAGTTTAGGA	CGCATTTAAT	AGTCAAAACA	AGAACAACGA	TATCTGCTTA
606901	CATAAAGAGA	TGCTGTATCA	GGCTAAGAGA	TTAGACATAA	AAAAGTCAAA
606951	ACGAACGGTA	GATTATGAGA	AAGTGTGTCA	GAAATATGAC	AGATAAGGAT
607001	TAATATCTAC	GTGGTGCAGA	GAGCTCTTCA	AAATTGATAA	GA AAAATACA
607051	CAGCAGAAAT	GTGGTCAAAA	ACTTGGAAAT	TGCGTTTCAC	AGAAGAACAA
607101	ATCAAAACACC	CAGTAAAACC	CATCTGTGTT	TTAATACCAG	CTCCCTAGAG
607151	AAACTCTCCT	TCCCATGGCA	GGTTGTCTTA	CTTAGGGTTT	CTATTTCTCTG
607201	TGAAGAGACA	CCATGACCAT	GACAACTCTT	GTAAGGAAAA	CAGTTTCATTG
607251	GGGCTGGCTT	ACAGTTTCAG	AGGTTTAGTC	CGTTATCTCT	ATTGGCAACGA
607301	GCAGGAAGAG	ACAGTGAACC	ACGTTTGGCC	TGGCTTGAAG	TTCTAAGACT
607351	TCAAAGCCAA	CCTCCTAGTA	AATCACCTCC	TCTGACAGG	CCACACCTCC
607401	TCTGACAAGG	CCACACCTCC	TAATCGTGCC	ACACCTCTCTG	AGCCTATGGG
607451	GCCATTTTTCA	TTCAAAGTAG	CACACAGGTC	TACAGGTGAT	TTCCCATAGG
607501	GCTTTAGGAG	GGATACCGAC	GGTACAAAAC	ACCCGTGTGA	TATGTGTCTT
607551	CCTCCCTACG	CAGACCACAG	TGACCATTTG	GGGAAGCATC	TCCGCAAGAC
607601	ACTCGGAGTG	CCTGGTGAAG	AACGCAGACA	CGGGCAAGCT	GCCTCTGCCAG
607651	GGGAGAAGCC	AAC TGAAC TG	GACCTGTGCC	TGCAATATCC	CCAGCAGACC
607701	CAGCTATAGT	ATGTGGATTTC	CTCTGGGCCA	TCATTATACA	GTCAAGAACA
607751	AGAGCCTCTC	CTGAGTTCAG	TTACTGGGGG	TGGGGGTAGT	TCCTTTCTCTG
607801	TCTCTTTACC	TCTGGTCTC	ACCCAAGTCT	TCACTACATA	CTACCCCCAT
607851	CTCCTGAGTC	TACTCCAGCC	CCTCACTTTC	TGATGTGACT	GGGGAGAGAT
607901	AGGGAAGGAG	ACATTGGCTA	AGAGAGCTTA	GTAATACTAA	TGTAATATTA
607951	CTAGGTACCT	ATAACCATAA	AGGCACCTTT	ATGTCTTAGG	ATTTTATPTGC
608001	TTTGAAGAGA	CACCATGACC	ATGACAACCT	TTTGAAGAAA	AAACCTTAGT
608051	TGGGGCTGGG	TTAAGTTTCA	GAGGTTTCA	CCGTTGTGTT	CATGGCAGGA
608101	AGCATGCGAG	CATGCAGGCA	GACATGATGC	TGGAGAGACT	GAGAGTTCTA
608151	CATCTGGATC	CACAGGCAGC	AGGAAGAGAC	AGTGAGCCAC	TCTAGGCCAG
608201	CTAGAGCTTT	ATGAGACTTC	CCAGCCCCAA	CCAGGGAGAC	ACTTTCTCCA
608251	ACAAAAGCCAC	ACCTACTCCA	ACAAGGCTAC	AGGCTCTCAAT	AGTAGTGGCA
608301	TCCC TATGAG	CCTATGGGAT	CATTTTTCATT	CAAACTACAA	CACCTGGGGT
608351	GGATCTCTTT	TTGGGTGATA	TCAGTCTGTC	AAGAAGGAGG	GGGAGATAAG
608401	CAGAGAAAAG	AGAGAAAGGA	ATGCAACCAG	AGACCAGCTT	GTGTACTAGA
608451	CAGAAGAAGA	GAAAGGGGCT	TAAACTGGGG	AACTAAAAAA	AGGCTCTCTA
608501	TGAGTGGAGC	AAGCGGGATA	GGGGCAGGGA	GGACCAGACA	GCAGGGGAGC
608551	TAGGGGACAA	TAGAAGACCA	TGTGAAACGT	GGGCTCCATC	CTGGGACGTC
608601	TGACCTACAA	GTAGCACAGT	CAGATTTCATT	AGCAGACATG	GACAA TTTGTG
608651	GATGATCTAT	CCCTGGAGAA	GATAAGCCCC	ATGGGGCAGG	AACCTTGAAA
608701	AGTTTGTGTC	TGTGCATAGC	ATTGTATCTA	GCCCAGTATG	TCAGTGGATT
608751	TTTAGGGAGT	AGATGGACAG	GTGAATGGTA	ATGAATGGAG	AGGAAAGTAA
608801	AGAAC TGAAG	TTCTTGGTTC	CTAAAGAGTG	GCTAATAGAA	AAGCCATCGA

608851	GGTGGTCCAG	ACAAGAGAGA	CTAAGAGAAG	GTACTCGAGG	CGAATGGATG
608901	CAAAGTGGAC	ATCTAGGGAT	GTCCAGGAGG	CTCAAAAGAG	GATTTCATGAG
608951	TCTGCTAAGA	TGGAAAAGAC	TTGGGAGAGT	TAAGGTGATG	TGTGGCGCCT
609001	CCTAGAATGT	TATCACACTG	GAGCTGTTTG	AGTTGCTTGT	GAGCAGCAAA
609051	GT'TAC'TAT'T	GATAATGTAT	AGCATGGTAA	AA'TT'AT'TGC	TTATAGTTCC
609101	AGAGGCAAGG	GATCC'TAGAT	GAGGGCATCA	GACAATTCAG	TGTATGGTGA
609151	AGGCTT'TCTC	TC'TCTCTCTC	TC'TCTCTCTC	TCTCACTCAC	TCTCTCTCTC
609201	TC'TCTCTCTC	TTTCTGTCTC	TC'TCTGTCTC	TCTCTCTCTC	TGTC'TCTCTC
609251	TGTC'TCTCTC	TCTCTCTGTG	TCTCTCTCTG	TCTCTCTGTC	TCTGTCTCTG
609301	TC'TCTCTCTC	TC'TCTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTGCT
609351	TCAGAGATGA	TGCCCAATCC	TCCCTTATAA	GGACACCAAT	CCCATCTGCT
609401	AGGTG'TTAAA	TCATGAGTCC	TCATGATTTA	ACTACTTCCT	GAAGGCTCCA
609451	CCTCATGATA	TTATCAAAATC	GAGTGT'TGAG	TTCCAAATA	AAAATGTTGA
609501	TATACCAAAC	AGCAAGCCTA	GAGTGTCTCAG	TTGAGCCTTC	TTCCCTCAAG
609551	AGGGAAC'TGG	ATACACAAAG	CCAGAGTCAAC	AAGCTAAAAA	TGTCCTTGA
609601	AACTACTGGGA	CTAGATACT	TTAAAACTGC	ATCAGTTTTC	TACTTGTCTA
609651	CCACTGTACT	GTCTTTCAA	TGCACTTCTG	TGAAATTTGG	GTCATTAAG
609701	ATGCAGATCT	TGCTCACGTA	TAAATATCA	CTCTAAGTAT	CCAAGACAGA
609751	CTTAGAAAGC	TTGGCTGAAT	GCAACAAGCT	CAGGTATCTA	TTCTTTGTGC
609801	TCAGCTGTCT	AAAGCAATGG	ATGAACTTA	GT'TTGTGGGT	TCTCTATCTG
609851	TC'TCTCTCTG	CCTCTCTGTG	TCTGTCTCTC	TCTCTGTGTC	TCTCTCTGTA
609901	TATGTAGCAA	ATCCTCCTGC	TTTAGCCTCC	TCAGTGT'TAG	AACATATATA
609951	TG'TGTACACA	CACACACACA	CACACACATT	TCTAGACATG	ATCATCATG
610001	TC'TACAT'TCC	TGGCCTATTT	GGGC'TGGTCT	TACCTCTCCT	GTCAAGTCTT
610051	GT'TTTTCCATA	TACTTTGAAA	CAGTGGAGAA	AGGTCACTTC	TCCCATACAC
610101	TTTCTTAGTC	TCTCTGCCAC	ACCTTTGGTT	TTCCAGAAGC	ACCTCTGTCT
610151	TGTACCTAAA	TTCTACATGG	AGTTCAACCT	CCGCACAACA	TGGTATCCCC
610201	TTGACTTCTG	TTTCTTCTTC	ACCTTGGCTA	TTTATCTCCT	TCTAGACATG
610251	TAAGTGC'TTC	CAGAGGAGAG	GCTGTGAATA	TTCAATTTCCC	TGGGAATTT
610301	CCAACTATGT	GTGCAACGGT	GGTGTCTAGT	AAAACCTGAT	TTCTTTGGGCA
610351	CCCTCCCTGG	GCCCTTGTCA	GTTC'TATGGG	AATGCATTTT	CGCTGGGAGT
610401	CCCTCAGTAC	TAAATGGCCA	TGTGTGCGTT	CCACTCAACAT	GCCTCAAGTG
610451	TCTGTGCGAG	TGCTCTTGCC	GAGAGTTCGT	GTCAAGCCTC	CAGACCTCCT
610501	TGTCTTTTAAA	ACAAAAGATT	ATCATTTTCA	ATAAGCCCAC	TTTGCCTGAG
610551	CAGAATGTGT	GGTGGAA'TTC	CAGCCACACA	GAGAATCAAA	GGAGTTCCCT
610601	GTGCTGGGAG	AGAGGCATCT	CCACGCAAGG	ATCCTTAGAG	TTTGTGAACA
610651	GCGCACTAAT	ACAA'TGCCAG	GAAGGAACAT	AGGGACGATG	TCTACAAAGT
610701	CAGGCCAAGC	TCTCACAAATG	TCAAGACTCC	CATT'TTAA	CAACAGCTGA
610751	TTCTTACAAG	TAAGAAGATA	TTATTTCTCT	TGTATTAGTG	CTGGTCC'TTG
610801	CTTAGACATA	ATAGGACCAC	AGTGTATGTT	CTGTGGACCA	CGGTACCCAA
610851	AGGATGGTCT	GTGTGCTCAT	TATGTTGGGA	GGGGCGTATC	AATATTACAG
610901	TTCTTGAGAC	AGCCTCAGGT	CTGCAGAGTC	ATGGTGGCTT	AGAATACAGC
610951	TCTGGTGT'TG	ATATTTCCTT	AAAGCCTTTC	TGATTCTGAC	CAACAGCTGG
611001	GTTTGATTTC	CTGCTGCC'TC	AGATCCAGCA	TTGGGGTTTA	AGGAGGTACC
611051	GAAAGCAGCA	TTTCTCTACT	GCTGACTTAG	CATAGGTTTTC	ACCCCTCCCC
611101	CCATT'TTAT'T	CTATTGGAGT	TTTCCAACCA	ACAGATAAGG	TTTTTCAGAG
611151	CAAAACAGAA	CACCTTCAC'T	TGACAGTAGG	TGACTCCAAG	GAGATCATTTG
611201	GGCC'TCACCC	CAGGGTACGG	CGTTACGGGT	TTCTTAGGTA	AATATT'TACT
611251	GAGTGTGGAT	GGCTCTGAAG	GTGCAAGGTT	TC'TTTTCCGG	TGCTGGCATT
611301	CATAT'TCCAG	GCACTTCTTG	CTCGGTGACT	TG'TTTTATTC	TCATGCC'TTG
611351	GCCAAATTACA	AGCTGAGGTA	GTGATCCACG	CGAGAGCATG	GGATGTAAAT
611401	GGGCTGTAAA	ATGGCTTTTTC	CTGGTGATTA	TC'TGTGGGAG	CCTTGGAGCT
611451	AGCATCAAGC	TCAGTCTGTT	TGGAGGCTTA	TGCTGTGGAC	TGCGGCTGCC
611501	TGACATGAAT	GGCCCATGGG	GAAGGAGCCA	CACACTGATT	GAAATGTTGG
611551	TGAACAGCTG	GCACACCCGT	GCCCTCTGCT	TAGAAAAGCC	AAGAATATTT
611601	CTTTCTTCTCT	TTTGCATCTC	CAGCTATGCT	TGACTATGGC	GGGGACCCAC
611651	GATGAATGCC	TTTTCCTTTC	CCTTTCTTTT	CC'TCCAGATG	TCTTAGTTGT
611701	CAATGCGACC	TCTCTCTTTC	CGTCTTGGAA	CTTATCAGAA	AGATTCAACT
611751	TCACCAACTG	TGCGTCATTA	AAAGAGTAAG	ATTGGCTTTG	ACTTTTAAAT
611801	GTTCTCATTT	CTTTTAAATC	TATTTGTTTT	GCTCCTCGAT	TCTCTAAAGA
611851	ACTCCTTTGC	GAACTAGAAC	TTTCCAAAGT	GCC'TTTTGA	GCATGGCCTA
611901	ACGGGAGCTA	GGAGAGCCAC	GGCGGTAATA	AACCGTGTCT	ACTCGTTCAA

GCCCTAACAA GAAAACCTGGA GCAGCCTCAG AGAGCATGCG CCAAGGTGTC  
CCTATCAACA GGGAAAGGTA TTTTCCCCAG ACCTGGAGGA TCCCTGAAGA  
AAGGATCAGT AAGGAATACC ACTAACTCCC ATAATGCAAA TGGCTCTGGG  
AGTTTGGACA GAGCAGTAAG ACTTGGCAAT GAGGACAAGT TGAAGTCTCC  
TTTACCAAAA AGGCATATCC ATTTTGTCTTT CTCTCTGTGG TGCTAGGGAA  
CTGGACTTGT GGGCCTTGAG CATGCTAAGC AAGTCTACCA CTTAGTGACC  
CCAGCCCTGT GTCTTCCATT TATTTACTAT TGGCCCAAT TCAGCTATGG  
ACCTTTTGAA TTTGGACTAC AGCTCCCTCT TGGCTCTTAA AGCAGAGAAA  
AGGCAGAGGA AATAGTCTCT TCAGAGGCCA ATCTCTTGCA CTGTGGAGAA  
AGGACACTGG TGGGCTGTAT TACCAGAGGT TGTGTATCCA TTCTGGGATG  
TGATTGGACT TCAGCATAGG AGAACAGCTT CGAGCTAGCT CCGGAAGTCA  
CTATAGGAAA AAGTGAAGTC AGATGGTGTT AAGTTACCTT TTCCAAGAGG  
GTGCATTGCA AGGCCACAGA GAGTCATTGC TGTCTAAGAA GCAGAGCGAA  
GTTAGGGAAG AAAAATAGAA CTCCAACCCA GGTAAAAGGA AGAGAAAGT  
AAGTGAATAA TAGGGGTGCA AGGACAGTTT AAAGATGTCT TGCTGTAGAT  
CCCTGTCTCT AGAGCCGAG TAGAAGGAAA TGACATAACC CAGGGTCCCA  
ATGCTAGGTA TATACCAGAC CTCAGAGCCA GATCCACCAG CCTAGAGAGC  
TCCTTTTCAG GGAACCTCCT GGGGAACAGG TTCTCTCCCT GATATGTAGT  
CTGTTTTCTG CCCCAGGGA ACTTCTTTCT CTCTGTAGG ATCTCCGGAG  
CATATATGAA CTCACAGGCC AGTGTACTCC CTCTGTCCGG TTTTCTCATC  
ACCTCCTGCT AAGTTTTCTT GAGGCATCCC TTGGACTAGC CCGGAGTCCA  
GCCCCGATCT TTTCTCTATT AATAATGTCT CTCCCTGATC TCCAATCATT  
CCTTATGCAT GAGGGGCATT CTCAGGCTCT CCACAGTCAC CCACGCACAA  
ATGCCCTCCT TGATTTCTAG GTCCAACCTA TCCCTTTGGTT GTAAAGCAAA  
CAGTGGTGCC CCATCCTCTC TGCCTGCCAG GAAATGCTTT GTGTCTCACA  
CGTGTTGTGT GGCAGCACAG CTGCTCCAGA CAGCGCGGAC CTGCTGTATC  
CGTGTAGTGG CAGCCGGGAG AGAAAGATCT CACTTTATGG AGGCTTACCT  
GAGGGTAGGC AAATAGCAAC CAGGTTTACA ATCCGGATCA GTGGGTTCCCT  
GTTATCAACA GACCAGCGGG TGACCCACAG TGCAGTCTC CTAGGCAACA  
CCCTGTGAAG TGTGATGACA ATCCATCAAC TCACAGGGCT TCCCGAGAAA  
ACACATAAAG CTTTGTCTCG TTTCTCAACC TCAAAAGGAAA TCTTCTCTCC  
CTTTGTCCCC CTAGCTAGTC AAAGACTTTA TTATTAATAG TAGTATCATT  
CCTGTATGCT CTCAACCTGT AGCGCCACCG AGGGAAGTTT CTAGAATATG  
AATTAAGTTT TCAAAATGTA GAAATTAAGT TGTTTATTTT CCGTGTCAAC  
AGATGCCCGG CGTGTATCAC AAGCGGCTGT GCTTGTGTGA AACGGGACAA  
GAAATGCATC CACCCCTTCA CCCCCTGCGA ACCATCAGAC TATGAGAGGA  
ATCAGGTAAA GTGACATTTT GAAATATGAC AGAGATCTAT CGGAAGCAAG  
TGCCCTGCGTG CGCACAGCCC CACCCCTTTC TGTGTGTAC ACPTCCATGC  
TGAGGGGATG TTCTCCAATG CAGGAGCTCT GTCAAGTTGC TGTGGAGAAG  
TCGCCCAAGG ACTCAGGAGG AGGAAGAGTC AAGGAGAGCA AGAGAAACAG  
AAGTGAACGG GCTGTGCAAG TCAGGCTCAA CTTTGGTGCT GGTAAATGGAA  
AGACAAATCCC CTTTGTATGG CAATAACAAC TCTTACTACT TTGGGTTTCT  
GTTGTAATAA TCCCATCTTT ATAACCTCAG TCCCTCTCTC CCACACACA  
CTTTTTTTTT TTTAGTTTCA TTTTAAACCA AGTTTACAT AATTGGCTCA  
ATCATCAAAA GGCTTTTACA TTTACATAAG AGAAATTAAG ACTTTGTAAT  
TTTGAAAAAT GATGCGGTTT CAGTAGAAGT GGAATTTGTA AGGTGACTTT  
GTGGCTCACT GGGGAAAGTA CAACGGACAG CTGAGCTPAC CTCAGTTCCA  
ACCGATACCT CTGACTTCAC TAATGACCAG CACTGTGTGT TGTGTTAGGG  
ATCTATGCAA AATAAGCAAA CTGACCTTGC TTTATTTTTG ATTTGATTTA  
TGGAGTTGAT TGACCCCATC ATTAATAACA TCAAGATPAG ACAGCTGAAG  
AATATGTGTC TCCCTCCCTT GTCTCAAAGG TGGCGGAGGT TTTTPTCCCA  
TGAAAGTTTC CTGGAATAAT CTCTTGCTTT GTCTTCACAG TTATAATTAC  
CACAGCCTAG ATATCAGTCA TATACAAAAA GATGGTCTGA GACCATGTGA  
ATATTTCGCG ACAGGACACA TGTAACTCTG TTTAGTTCCG TACTGGCTCC  
CTCCAGTTGC TAGAAGTTCA TTAATTGTTT ACATGTGGTA ACACACACAC  
ACACACACAC ACACACACAC ACACACACAC ACACACACAC AGAGTGGACA  
GGTTCCTCTC CTCATTCTCT TTCGACTCTG TCAAATTAAG ATCAGCACTG  
GAAGAAATCT CAAGGGCCCA GCTTTCTACT CTCTGACCAG GCTGGGGCTC  
TGATTTAGCC ATTTGCTGCT ACTTAAGGTC AAGTGTCAAC ACCAATAAGG  
AGCACATTTT CAATCATTTA TGAAAAGTTG ATAGTAACCT TAGGTGAAT  
AAGTAACAGG CTGAGGGCCT GTGAACCCAA ATGGATTATA AGTTTAATTA  
AAGCATTAGT GAACCTTGGT GTGCCAATAT CTCGCGCCTT TGAGTCTCTG

615051	AGACTTAAAT	AAGTGGTGGG	CTGCTCCTCT	GGTCTCCGTG	GTTTGTAATA
615101	AATGAAGATG	CAGTGACAGG	AGCTTGGATG	GAGAAGTGAG	AAGCTTGGTG
615151	GTGGTGGCTT	TCAGTTTTGG	TAAACTGCAG	GGACCATGAG	ATTTACCATC
615201	TTCACTAATT	TTAGTGTGCA	CTTCCGTAAT	TTAAGTATTC	CTTCACCCAT
615251	CATGTACAGC	CAGTCACTGC	AATACTTTTC	ATCGTGCCAG	ACTGAAACTC
615301	AATACTCATT	TAGTAACCTC	TCCCCCGGCC	CCGGCCCCCG	CCTCATCCCA
615351	CCCCGGCCCT	GCCCTCACCC	TGCCCCCAGA	CTCTTTGTAA	CCCCPATCTT
615401	ATTCTAACTC	CTATTCTATC	TTACCTTTGT	GTGAGGGGTT	TGCCCTCTGT
615451	GACAGGCTTA	CTTTATCATT	GTGCCCTCCA	GGCTCACTGT	GTGTGGGCAC
615501	GGATTAGACT	TTCTTTCCCT	TTGAAGGCTG	AATAATATTC	CAGCATATGT
615551	ATAGAACACA	TTTTATTAT	ACATTCCCCC	AACCACAGGC	TCTCAGTTTG
615601	CTTTCAACAT	TTAGGCATTA	GGACAAGCCC	AGTTAGAAAG	ACCGGCATAC
615651	AACTGACTCT	TAGAGCCACC	CTGTTTAGTT	CTTTTGCTCA	ACACCACAGA
615701	GTTAAGACTC	CTGGATCACA	CTGTAATTCT	TTTTACTAAG	TGCCACCATC
615751	CTGTCTTGCA	CGGTACTCTG	TCTAGCCAA	GGTTCTACTA	ACAGGGTTCA
615801	ATGGTGTCTG	TCTCTCGAAT	TCTCACGGAC	TCTTCTCTGT	TTTGTGTTGT
615851	TTGGTCTGGT	CACACTACTG	CTCACAGATG	TGAGCAGCAG	CCTCACTGAC
615901	TTTGGTGTGC	TGCTCCATGC	GCTTTCTGAC	TCCTTTCTAT	TTGCTTTGTT
615951	ACTGGCTGAA	GTCCCTGTGT	AAACTCCTTC	CCATTGACTT	GACTGTGTTA
616001	CTGTGTTTCT	TCCTTTGGGC	ACAAGAAGTA	TATTCTAGGG	ATTAGCCAGA
616051	TACAACATTT	GAAAGTATTC	CTCTCTTATT	CTGTATCTTT	TCAACTCTGT
616101	TGAATGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGAGAGAG	AGAGAGAGAG
616151	AGAGAGAGAG	AGAGAGAGGG	AGAGAGAGAG	AGAGAGAGTA	TGAGAGAGTA
616201	TGTGTGTATG	TCTGATGTGT	ACATGTGTGT	TTAAATATGT	ATGTGTGTGT
616251	ATATATCTAT	ATATATCTGT	ATATGTATAA	ATATATATAT	GTGTGTGTGT
616301	GGTGTGTGTG	GCATGATCAT	ATGTGTGTGT	TGCAACATCC	CAAACCCACA
616351	GCCTCACACA	CACCAGACAA	GTACTCTACA	TTAAGTTATA	TCCTGAACCT
616401	AGTCATGTTT	TTTGATACAT	AGAACTTTTA	ATTTCACTGA	AGTCCAAATTT
616451	GCCTATTTTT	TTTTTCTGTT	GTTTCTGTGT	CTTTGGGGGG	CAGGCTCAGG
616501	AGATGACTAC	TAAACCCATA	TGTTGTGAAG	CCTTTCAAAC	TTCCATTTTC
616551	CTCTTTGAGT	TTTAACCTAT	CTGTGCACAC	CTTGCCCACT	GGAGTCCGTT
616601	TTTGTAGATA	GAGTAAAGTG	AGGTTTCAGC	GGCCTTCTTC	TGCACATGGA
616651	TTTCCAGCAG	CATTCCCTGA	ACACTCTCTC	CCTGGGTCTC	TGCTTTATAG
616701	ATCCCTCACTG	AGAAACCCAT	GGGCTTGCAT	GCAAGTCTTT	ATTCCTGAGG
616751	TTCCCTCCCTG	TCCCAGTGCT	CTGAGCACCC	GTCTTTCACAT	GAGTACATATA
616801	CCATCTATGT	TTATACTGGT	TTTTTTTATA	AGTCTGTTTT	TGGAACCACT
616851	ATCTTCCAAG	TTCTCTCTTG	TCTTCGATTG	TTTCATAAGA	AAACAACACG
616901	TAAAAATTTT	ACTCTGTTTT	CCTCTGATAG	TACCACCTAT	AGCTGAAGAT
616951	TAGCCCTGCT	AATGATGTCA	AAGGTCAAGG	TATAGGATGC	TCATTACCAC
617001	AGGCCACCCC	AGGCTGCCAT	TTTATAGCTC	CATCTPACTG	CTCCTGCCCC
617051	CACCAGCCCT	GGAGCCCCAC	ACCACATAAC	TGTTCTCCAT	TTCTATAGTG
617101	TGGTCGCTTC	TAAAAATTTA	TGTAAATAGA	ATCGTCTGGA	TGTCCCTTTT
617151	GGGAGATTAG	TTTTTTTTAT	TAAATTTGTT	TTTATGGATA	TATAAAAAACA
617201	GAAATTTATC	ATATTAAATG	GGTACCATTG	GATGCAATTG	GATGGAATTT
617251	CAGCCGAGTT	CTTGTATAGC	AGTCTGGGCA	GTGCTTTATA	AATATCTTAA
617301	AGAGAAGGGT	GACATAGTCA	TAGCACCCCT	ACTCTTTGTA	CTCTCTTAAC
617351	TGTGATACCT	TGGTTTAAAA	AGTAGCGTCA	CAAAGAAAGA	AAGGTAGGTC
617401	TCAAAAGAAG	CCAAGGTTTG	CCTTCAACAC	TTCTCTACAG	ATTGCCCTTC
617451	TATGTTTGA	GAAAGGCATG	TTGCTGAGAC	TGAAACATTA	ACTTTACGTA
617501	CGTGTGACTC	AGAGCAGAAT	CTCAAGTTTG	GTTGGTAGGG	AATGGTATGC
617551	CACCTGGCAC	AGGAGAGATT	TCCTGTGCTC	TCTCTGTGAA	AGGCCACTGT
617601	CTTTCATTAT	CACATGAACA	TGAAACTTTC	TGGTTTGCAC	GGTGTGTCT
617651	CACGTCAAGT	TTGTGTAGTA	GACCCAACAG	TTGAGGCAGA	GAAACACCA
617701	AGAGCTTTTC	TTGAAATPCAT	CTGCCACAT	CACCTCAGCA	CCAAATGCTT
617751	CTGTGTGCT	GGGCACCATC	TGAGGCTCAG	AGATGCTGAG	CTAGAGTCAG
617801	TGCTTCCCTA	AGGAAGCGCT	GAAAGCATCT	CTATATGATG	TCAATGCTGAA
617851	CTCCATGGAT	ACTGCACGCA	ATATACAAAT	GAGTTTAACTC	TCTCTCAGGA
617901	CATCAGCCCT	GAGACTCTTT	TCCATGAGAA	CACCCATAGC	ATGACAAAGT
617951	TTATATAATA	CGTATATGTA	TGTATAAGCA	GAACTGTAAA	GTACAAAAAC
618001	TCAAAGCCTT	GCTATGCACA	GACTCTTAGC	TCTTAGTTTAT	TCTTGTGTAT
618051	TTAAGCCAG	TACCTGATGG	TTAAGCACAA	TCAGTGTGGT	TGGTTAAGTC
618101	TTTGAATGGAT	GCATTGATGG	AAAGGACTTT	TCAGCTTACC	TTAGAGGGAC

618151	AAGAAATACC	TAGGCTCAAC	AAGACAGAGG	AGTGAATATT	CTTCATGAAG
618201	CAACTGCCAT	AAATAAGTGT	AGTCATGGCC	GGAAAATCCA	GGAGACCTCA
618251	GTAGTTCAGT	TTGTCCTTGGC	AGCAGAGGCCA	GGGGACAAAT	GATAGCATAG
618301	AAGGTGGAAC	AAGCTGGAGC	CTGTGTGTGC	TGGGATGTAT	ACCTTTGGGG
618351	ATTTTGTCT	TGCTTCTTCA	GTGGCAATGC	AAAGCTTTTC	ACTACATCTA
618401	TTTTAGTATC	AATTTGATCA	TCTGAGAATG	TGGTGTCTAA	AAGGAGGAC
618451	TCCTGGTTCA	ATCCCAGGAC	AGTCGGCTTC	ACATTCCTCAT	GATCCTAAGA
618501	CTTACTTGAT	CCAGGATACT	GTGGTGGTTC	GAATATGCTT	GGCCCATGGG
618551	AAGTGGCACT	ACCTTGTTAG	AGTAGGTGTG	GCCTTTGTGG	GAGCAAGTGG
618601	TCACTGTGTA	GGCGGACTTT	GAGGGCTTCT	AGTGCTCAAG	CCCCAACGAG
618651	TGTGGAAGAG	ACAGTCTCCT	CCTGCTTGAC	TTGCAGATGAC	GATGTAGAAC
618701	TCCTCAGCCC	CTTTCAGCA	CCATGTCTGC	CTGGACACTG	CCATACCTTC
618751	CACCATGATG	ATAATGAAC	GAACCTCTAA	AAGTGAAGC	CAGCCCTCTT
618801	TCATTGTGTG	CCTTTATAAA	AGTTGCCCTTG	GTCCATGGTGT	CTCTTCACAG
618851	CAATGGAAC	CCTAAGACAG	ATACCCTGAT	CCAGGAACAC	CAGCCCTAAT
618901	TTCTCAGGAG	ACTGAAGCAA	AGAAAAGCAT	AGGCCAGTA	AAGAAGCCCC
618951	AGATTTTCATC	TGGCCTAGAA	CGAGGGCAGC	CATCTGCTGT	AAGACCAATC
619001	TTGATCTCTG	CTTTCCTGAA	GCCATGAGAC	GGCAAGTTCT	GTCACTGCAC
619051	TGGGTGACCA	TCCTTCCTTT	CATTCCCCTAA	CCGCTCTTCA	CTCTGGTGCC
619101	TTACCCAAATG	AGGGAAGCTG	TAGCTGCCCT	CCTGCCACAG	GGGAAGGCTG
619151	TAATGATATG	TGTTGAATTG	TAGATGTTGT	CTGGTTATGG	TTTTTGTGTT
619201	TGTTGGTTGG	CTGGTTAGGT	TTTTTTTGTG	TGTTGTTGTT	GTTGATTTTG
619251	GTTTGGGGGG	GTATTTGTTC	TGTTTGTGTT	TTATTCACAG	CAGTGCTCTA
619301	TTATGTAGCT	CTGGCTGTCA	CTGTGTAGAC	TAGGAACCTA	ATATGTAAGT
619351	AAAGTGGCCT	CAGACTCAGA	GATCCAACATG	CTTCTGCCTC	CAGAGTGTCT
619401	GGACTAAGAG	GATGAACCA	CATGCTTGCG	CTTCTTGGCC	ATTACTATAA
619451	TTCTTCGCAA	TATGTTTATC	ACTATAGGGA	GGAAATCAAC	CATGCTCAAG
619501	TATGCTCTCG	CTTCCCTCCA	TGACTTTTCA	ATGTTGTGCTT	TAATTTCTCA
619551	TATAGACAGT	ACCAAAATGGA	CCCTTTCAAG	AACCTTGCCCT	TCAGAAGGAA
619601	AAATTAATTT	AACACAGACT	TTTGTGTGGT	TGTTTATGAG	TAGCTTCTAT
619651	GGCGCTAGCA	CTGTCTTGCA	TTGAGTTCAT	TCACAGGATA	TTTGTGTGAG
619701	AGCAATTTGT	TGTGTGTTGG	GCAGGCACAA	TACAGACCCA	CATGGAGTTT
619751	GCACGTGCAA	ACTTAGAATG	TTTTTGAATG	AGGAAGTCAG	ATTCTTCGTT
619801	ATAAGAAAG	TCAAACACTG	ATAACGGGAA	TAGAAGCCAA	AAAGAATGTC
619851	AGCTGGAGCT	GAGTTGACTA	GTGGCAGCTA	ATCTTTTATCA	GACCCCTTGC
619901	ATATCTGAA	CTCAGTGTCT	GTTAATCTAA	GCCTTCAACAT	GCCACATTTT
619951	ACAGGCATGG	AAGTTTATAC	TCAAAACCAA	AATGTAGATA	AGAAATTTGA
620001	ACCCAGGTAT	CTGGATAGAG	AATTTTTCAGT	TTTAACTACC	ACCTTACCTT
620051	AAATGACCTA	AACCTGAATA	GTGTTAAGCC	ACATAATATT	ATTGCTAAAA
620101	CCCTCTCTGG	AAGGGAGGAA	ACTCTTAAAG	ATAATGCAGG	CTTTTCTCAG
620151	GATTAGACTA	TAAACGTCTG	TCCCATCTGT	GCCTCAGGCA	GACGGGAGCT
620201	TATTTCTCATG	GGAGACGGGG	AGGGAGAGGG	GCATCTCAGG	GTGAGGGCTA
620251	TGAGAAAGAA	TGAGCCCCAG	GATGGGCCAG	GATGGCCAAA	ACAAGAGTGA
620301	GTCACAAAA	ATCCAGTGT	CAAACCTGAGT	CTTGGGAGAA	GGTGTGTTAG
620351	AAGCAGGGTT	AAGAACTATG	TTCTCTGGTC	TCAGCATCCT	GATCCTTCAG
620401	GCCTGATCTG	AGGGGCTACA	TTCAGGATGA	ATGGCCAAAG	GTAAGTTAGG
620451	GGGTAGCCTT	GGCAGCTCCA	CCATGGGTTG	TGTCAGCCTC	ATCTTAGAGT
620501	TAGTCCCCAG	GTCACAGAAG	CAAGTCTTAA	TCCTCTCAGAA	GAGAGCATGG
620551	ATCTCTGAAA	GTTTCCCACC	TAAGTCTCTGA	GGCCCTGATG	ACCTTTGGCA
620601	GTTCCAGGAT	CCCTGTTCCA	TCCCAAGTTC	TCCTTTGCTG	TACTGGGACT
620651	CCTATGAAGG	GCTATCTCCT	TAGGGGACTG	AGCATCAAA	ACATCTGTAG
620701	GTGTTTCATTG	AACTCTCCCA	TTATTCCTTG	ATGGGATGTT	ATTCTGCTCT
620751	TTTCTTTTCA	TATCACATTC	CCTTTACAC	TTTCCGCTCT	CCCGGCTGG
620801	TCACCACACC	GCTCACTTTG	TACATATGAT	TAATATATTA	CATCTGTCTC
620851	CTTCTCGGGC	ATTAATGAAG	ATGTTAAATA	ATTTCAAGCC	AAATACTCAC
620901	CCCCGTGGGG	CCCCACAGGA	CACCTTTCGTT	TAATTAGTTG	TATTACCTTT
620951	CATCTCTCTC	ATGTCCTTTG	ACTTCAGATG	TCCTGCTGAT	TTTGAAGCCA
621001	TGTGACTTTT	CATCCTGTCC	TGTTTGAAC	AATTTTCATG	TGAAAAATCT
621051	GAGAGATGTT	TTACCAGGTG	TTGACTTGGG	TCCAGACCTA	CAGAGAGCTT
621101	CACATATGTT	TGATTTTCTT	TCCCTTAACA	GATTAATAGA	GTATAGTTTG
621151	TTCTTAATAA	ACTGAGCCTT	CCTAATGGAC	CTCTTTCCAA	TAGTCTTTTC
621201	TCTAAAAATG	TCATGGCAAT	TTGAGTTATG	TTGGTGTCAG	ACGTGACGCA



621251	AGGTGAGCCG	TAGTTAGGAT	TTCTATTGCT	GCAATACAAT	ACTAAAGTGA
621301	CTAAAAGCAA	GCTGAGGAAG	AAAGGGCTTA	TTTGGCCCTAC	ACTTCCAGCA
621351	CACCTGTTAGT	CATTGAAAGGA	AGTCAGGACA	GTAACTCAAG	CAGGGCAGCT
621401	CACCTACCTGG	CGGCAAAAGC	TGATGCGAG	GGCATGAAGG	GGTGTGCTT
621451	ACTGGCTTGC	TCCTCAATGGC	TTGCTCAACC	TGCTTTCTCTA	CAGATGCCAG
621501	GACCACCAGC	CCAGGGATTG	CATGACCCAC	CATGGGCTGG	GTGCTCCCC
621551	ATCAATCGCT	AGTTAAGAAA	ACGCTCTACA	GCTGGATCTT	ATTTAGGCAG
621601	TTTCTAAATT	GAGGTTCCCT	CCTGTCAGGT	AATPCTAGCG	TGTGTCAAGT
621651	TGACATAAGA	CCAGCAAGTA	CAAGTTGCTT	GTGCCCTCAG	AGTTGATCCT
621701	CTCAGACGTT	TTCAAGGAGA	ACTGTTACAG	GTGGTTATAC	ACTTTCCAAT
621751	ATCTTATAAC	GGCTTAGTTT	TTTGAAAAAA	AGTAAAGAAA	AGAAAAATAA
621801	ACAGGCATCC	TGCAAACTGC	CTGATTAAGT	ACTTTCCAAT	ATGCTATCCT
621851	AATACAAACA	AATGAGAAAC	ACCCCCCCCC	TCTCTCTCTC	TCTCTCTCTT
621901	TCTCTCTTTA	AACAAAAATAG	TTAAAAATTA	CCATCACTTA	AAAAATAACC
621951	CTGTCTCTAA	AGTGGAAGTC	CCAGGAAGTG	GACAGTTCAG	AGGTTAATGG
622001	GTAGAAGGTG	TTGGGCCAGG	ATGGTTACAG	CTAGATTGTA	CTATAGGGGT
622051	TGCAGGGGAA	CCTTGGATAT	GGAAAGAAGG	AAGACCCCTCA	CTTGAAGGGT
622101	GAGGAGGCCCT	GGCTGTATCC	AGCCCCAGTTA	TGTTTPTTAA	CTTGAAGGGT
622151	TGGCTACATC	ATGTCAGGTT	GTAATAATAC	TTTAAATTAAG	CTATCAAAAT
622201	AACATCTAAA	GTATGGAGGG	CAGAAAACAT	TATGGGAAAG	ATTGTTCTCT
622251	GGTCCCTTGT	ATTCATTTTA	TTTTTTAAAA	AGTTAACAAA	TATTAAGATA
622301	AAAAAACCTT	TTAATGAATC	CTCATATCCA	TGACGTACAG	CTATGTAGCT
622351	GTGCTATCCT	AAATTTGTATA	TTTTTCACAGT	GGGGTCATGC	CACCTGATTGC
622401	TCTTTAGCCT	CCTAACTCTG	AGATTAAAAA	AAACCTCTCC	TGGAAAAATA
622451	AAGAGCTGAT	CGCACCCTCT	TTGGAAGCAA	ACTGCAGGCA	CCTACTPTCA
622501	TAAGAAGCCA	GGCCTAGACT	CGGTCTCCCA	TGGGCAATGT	AAACTCCTCT
622551	AAACAATAAG	ATTGTCAAAC	GAAATGCTTT	TGAGGTTGCA	AGGCTCAAGG
622601	GGAAATAGGA	AGTTAAAAAGG	ATATCAGCCT	CCGATGGTGT	TTCTAGAGCC
622651	CTTAAAAGAG	CAAAATGCAC	CTACCTTTGA	AACAACAATC	TTTTTCTTTA
622701	CTAGTTACAA	GGCTCTCTTA	TCTTTGACTA	TGAACAAGAA	TGATGACTGTT
622751	CAAAAGCATG	CTATCCTGTT	TTACTATTGC	AGACAACACT	AGTATAAGTA
622801	CAAGAAGCAC	CGAGAAAAAG	ACTTGCCTTC	AGAGGACAAA	TAATGGACAG
622851	TTTACAATAG	CGGAGAGGTA	TGACCAGGGA	GCATCGCTCA	CGCGGCAGCA
622901	CACGGGGATG	AGCACAAGAA	TTACAGGCCA	TGAATPTCCGA	TCCCCTAAC
622951	CTACGGGAAAG	CCAAACACAG	GAAAAGCCAA	GGGCAATAGC	ATGTATCTGT
623001	AACCTTAGCA	TTTCTAAGTT	GAGATGGGAG	GCAATGCAAT	TTGTACTGCT
623051	TGGTCTTATG	TCAACTTGGC	ATATGCTAGA	ATTATCTGAT	GGAGAGAACC
623101	TCAATTTAGT	CCCATGAGTA	TGTGAAGCAT	CAAACAAGGT	GTAAAGTTAG
623151	GACCAATACC	CTAGGCAGTT	TTCTGACCCT	TAACATACAT	ATACACACAA
623201	ACATATATAT	ATACACACAC	AAACATATAT	ATATACACAC	ACATACACAC
623251	ACACACACAC	ACATATATAT	ATATACACAA	ACATACACAC	ATATACACAC
623301	AACATACACA	CATATACACA	CAAACATACA	CACATATACA	CACAAACATA
623351	TACACACAAA	CATACACACA	TATACACACA	AATATATACA	TACAAACACA
623401	CACATATATA	CACACACAAA	CATACACACA	TATACATACA	CAACATATAC
623451	ATACAGACAA	CATACAAGCG	TGAGTGCACA	AGTTTTAAAA	AAATTTTAAAC
623501	ACACACATAT	CTTGCTTCTC	TAATAAGACA	GTGTGCTCTC	TTGTAGAGCA
623551	GGGGATACAG	ATTTTCTCTCT	ACAACAGTGG	TTCTAAATCT	TCCTAGTGCC
623601	GTGGCCCTTT	AATATGTTCC	TTATGTGGTG	GTGACACTCA	AACATAAAT
623651	TATTTTCCATT	GCTACCACAT	AACCTGPAAT	TGCTGCTGTG	ATGAATTTGA
623701	ATGTAATATG	TTGTGTTTTT	TGAGGGTCTT	AAGCGACCTC	TGTGAAAGGG
623751	TCTTTTGTCC	TCCAATGGGG	TTGTGACCCA	CAGGTTACAG	TTGTAGACAT
623801	TGCAAAAGAAC	CTGGCAGTGT	GTTTTGAGGC	TGTGCCAGCT	ACACAGTCTC
623851	TGTTGTAAAT	AGCTAGAGAT	AATACACATA	CTTCTGGATA	ATGACATGTG
623901	ACATGTGCTG	TTATATGTTT	GAAATTTCTAT	TCTCCTTTTG	ACATTTTTTT
623951	CCATAGGACA	TCCAAAAACA	GCAGACAGGA	TTTGTACCTT	GGTCTGAAGT
624001	TTCTTAGGCC	TTGATCTGCC	CCCCACCACA	TACCTGCGCT	ACCTTTACCT
624051	AGCAGCTGCT	GGTCTAGTGA	TCAGTAAGTA	CTTGATCACT	TGGCTGTGAC
624101	CTACAAAGCT	AAACAGCAAG	TCTTCTTATA	ACACACACTT	GACATTTGCA
624151	AGGGATTTAT	CTTGAAGTCG	TGTCTAATCC	CCATCCCCAAG	TACCACTCTA
624201	GGAGATAAAT	CCAACACCAC	CCCCCATAAA	ATGCAGTCAA	GTATAACAGA
624251	ATAATTAAAT	TGACCTTTTC	AGGCACGTAG	TGGTTTCAAT	AATAAATACA
624301	GGGCTAACGT	TCTTTTTTAA	GTGATTAATA	TAAAGTCCAC	CACAGGAATC

624351	AATTCCCTGA	TGCATTACAT	CATCACCACG	ATGACATTAA	TAATGGATTT
624401	ATCAGAATCT	GCAAAATCAA	TCCACGGTGA	TAATGAGTAG	TGGCTGCTCT
624451	GCCAAATAGC	CCCTGGGTTT	GTCCAGGAGAG	CAGGGTGAGA	GGTTGCTCCT
624501	ACCAAGCGGA	TGGTCAGCGT	GGCAGCCGAC	CACATTCTGT	TACCCGGACC
624551	AGCAGGAGAT	GGGCAGGCGC	GAGACATCAC	AGAAGCTGGA	CCAGTGACTC
624601	AGTGTCTCTT	TGATAGACGT	CATCCAACAA	GCAGCTGTATC	TCTACATTTG
624651	TGCTTTGGCC	CAGTGTGGCA	TGATGAGGCT	TCTCTGAAGT	CTTAGGCCAC
624701	TTTTCAAATGG	GAAGAGTGTG	ACTGTGGAGT	CTCTGTATGC	TAGACCTTGC
624751	CATGCTTTAT	GTCAGCCAGA	GTCTTGGAAAT	CGAGAGAATC	TAACAAAAGAA
624801	CCTCCATGAT	CAGAATGGAC	GATGGTAGCA	CTTGGGGAAG	AGGTCACAAA
624851	GGCACCTTGG	TTGTTTTTGT	CTTGCAAGGG	GGGAAACGAT	AGCCCGAAGG
624901	GATGGCTCAG	TGGTTAAGAA	TAATTCTCGC	TCTTGCAGAG	GATCCAGTCC
624951	AAGTTCAAAT	CTCTGCACTA	ATGTCAGATG	TGTCACAACA	GCCTGTCAAT
625001	TTAATTCCGG	ACAACACCTT	CCTCTGGCCC	CTGAAGCAGC	TGCTCACACA
625051	TGCATCTAAA	TTAAAAATAA	CCTTTAGAAG	AGAAGGGGAG	TGATTCCTGC
625101	CTCCTCTAG	ATTTGTAGGG	GAACTGATT	AGATCTTGCA	AATAGAGGAG
625151	AAGCTCAGAG	AGATGGCCTG	AGTGTAGGG	AAGTTAGTGA	GCATGTAACT
625201	CCACAGGACT	CAGTTTTGAT	TATAGCCAG	AGAAAGCCAG	AGACTGGGTC
625251	ACAGAGGTTA	CACGAATGTT	CACAATGCCT	AACTTTTCAC	TACGGGAGTG
625301	GCTCAACATT	CTTAAGACAC	CCTGTCTTCC	GCAATTGAAC	AAACAACAAA
625351	AAAATATGGA	TCTCTTCTTA	GAGAATTAAA	TTCTCTGTAT	TTGCATTTTG
625401	TATTTGACGA	ACAATGAGTC	CGTGTGAGCC	TCCGCTGGGG	AGACCACTTG
625451	CCTTCCCTTC	CCTGGGCTTG	AGCATCATGG	GCCTCAGGAG	AGGGAAAAGG
625501	AGGGGGCTCT	TTTCTCAACT	GAATGACAGC	TCACGCCTCA	GATGGAATAT
625551	CCGGGCTCTT	CAACTGTGTT	TTCAACTGTC	TTGTGAGACA	AAGACTTAAT
625601	GGTTTGACCC	CATGCTGTCA	CATGTTGAGA	GACACGAATC	TTTCAGCCCTC
625651	TTCTCTGAAT	TCATTGATTT	CATTAAATGC	TGCTCTGCTT	TGTTTGCAAA
625701	ATGTAATTTT	CTAGTGAGTT	CTTCGAACCG	CAACACATCA	ACAGATTTTC
625751	TGAAAGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
625801	TGTGGACACA	TGTGCACACA	CGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG
625851	AGAGAGAGAG	AGAGAGAGAG	AGAAACAGTG	CCATTTTGTA	GCTTTGATCT
625901	GCTGTTTTAA	TCTCTTAATT	CCAAATAGTC	TTCTACATTA	AGGCCATTGA
625951	GCCACAAAAA	ATATCAACCT	TAGGGAAAAA	CAATGTGATT	GTTACTGGAG
626001	CAAACTTCAC	CCAGGCGTCA	AATATCACC	TGATCCTGCG	AGGAACCACT
626051	ACCTGCGAGA	GGGATGTGTA	AGTTGAAGCA	CTAACCAACG	ATCTTTTGTA
626101	AGATTTAGAA	CTACGCTTAA	AGCAGTGTTA	TGAGCCCTTA	GTGCTTTCTG
626151	TAGTCAAAAT	GCATTTAAGT	ATTTTATACA	TCAAAATTAT	AGTAAATAAA
626201	TTTAATAAAG	TAAAAATCTT	AATGATTCAT	TTGCAACTCA	GGTGGGAGAC
626251	TCTGGCCTTT	GTATACATCT	CAGTCAAAAC	CAGTTTCAGG	ATGTTGCCAG
626301	TGGGAGCCTT	GATTGGCTTT	TAAAGCAGAG	TCAAGTGTAT	GTAGAAAAGGA
626351	ACTAACTTAG	AATTATAGAC	ATGAACTTTG	GAAACCGATG	GATGGAGAGC
626401	GTGCTACCTG	AAGTTGAAAA	GGAAAAATGG	AAGTAGAAAT	GTTGTTCACT
626451	GTAGCTTTCT	TCTCTCGACT	GGCTTTGGTT	TCATTTCAAA	TAATTAATTT
626501	ACTAGGGCAT	ATAATAGTAG	TTAAAAAATA	CCCAACCCCA	AACAAATATC
626551	AGATGAAGTA	CCCCTTAAAG	ATAATGATAC	CTGTGGTTCT	TTTATCTCTA
626601	GCAATGAATA	ACATATCCAG	TGTTTGTTC	TTAATATTCT	TAGGTGAATG
626651	ATAACACCTT	CCCAGGGGGG	ATAATACTAA	CATTATGTAA	TAATAACACC
626701	GTGACAGATA	ACTTTAGTTT	TCTGCTGTGT	GACTCTTATT	AGTTTGGGTT
626751	AAATTTGAAGT	TTAAAAGAAA	ATGTTTCAGT	CTATATGAAC	CATAATACTG
626801	AGCTAATTTCT	CCTCATGGAA	ATGCATTTAA	GACAGCTGCG	TGAAGCGTGA
626851	TGTTTTGGTTT	TTTTAACTAC	CAAAAACAGAC	TTGTACAGTG	CTGTAATCTG
626901	CCATGCCTAT	TTAGTGAATC	TTCTGTTTTA	ATTACATGCG	TGCACATCGC
626951	TGCATCCAC	CTCCACTTAC	TGCAGTAAAT	CTGGGATACC	CATGATCTCG
627001	ATGGGGGAAA	GATACCCATC	AGTGGCTTTC	CTCTATACCA	GAGTGAATCA
627051	ACACACATTA	AAGCCTGTAT	CTATGCAACC	TGGGTTGCTT	ATGTCACACA
627101	TTTATCTTGG	CTAAAATACCT	TATAGCAAAAG	ATCTTTTCATT	TTGTGTGGTG
627151	AAATCTGTGA	CGTTAGACAC	CTGTGCGCTC	AATGAAGGGC	AAATCAGCTTC
627201	GCTGCAAAAT	AAGTCGTTTT	TGGAGCATTA	CCCTGTTCAT	GGCTCTTTAT
627251	GCTCTCATTT	CCATTCTGAA	TGTGTCTTGA	GAAGCCACAG	TTATTAATAT
627301	AAATGACTAA	GAGCTCTTTC	TGCATGGAGC	ATTTCTACTAA	CCCATCTCTG
627351	ATGGTGAACC	CAGGTTTACA	AGCAGGCAAC	GTAATAACGC	AGTTAATCTT
627401	GTACCCGAAT	CCATGGTGAA	ATCCCAACCC	CTGTTTCATG	AAACTTTGTA

627451	AGTGAATGGC	TATTTTTTTT	TTAAGAGAAA	AAGACAAGCC	TAGTAGCAGA
627501	ATGATCTATA	TCCCCACCCC	TCACCTTCCA	AAGTGTATAA	GCACATTGTT
627551	GT'TTTAATGA	TTTGAGCATG	GACTTCTCTAG	AGCTTCTCTT	TAGAAGCCCT
627601	AAAGATATAC	ATCTGGGGCA	GGACACATGC	AAACAGACTCT	CAGTACCTTT
627651	CAAATTCACT	TTCTTGTAAG	GTGTGGTGAC	GGTACTAGGG	TTAAACAACCA
627701	CACACAGAAT	ATCCCTTCAG	TAGTAAAAACC	AGACCCTTCT	GTAGCCTCAT
627751	TAAGCTGAGC	AGGTGGGCAA	TACAACCTGA	TCTAAATGTG	TGCTTTAGAG
627801	ACTCATAGAC	ATTAGAGTCG	CTGATAGTTT	CAGAGGGGAT	GTACAGACGC
627851	GC'TTTGATTT	GATTGATGAG	GGCCATCAGG	AGTGTATAGG	AGCTATCCAG
627901	CCAATCCCTG	GTCTGGAAGT	CCCTGAGGGG	CACCAACCTT	GTGTCTCTTG
627951	ATTCTAAGAC	GTACGGGTTC	CTGAAGCAGG	TTCCCTCTGA	TTTGAAGGGG
628001	AGAATTCCCA	GGTCCGTTTG	GGGGAGGGGG	GGGGTCATAC	TTTCTCTGTG
628051	TTGATTAAAA	CTGCTTCTTC	TTCTTCTTAA	AAAAAAGCTT	TTAATTTATG
628101	AAATGACAGC	TCATATATAA	GAAAGATGCA	TATAAATAAG	GCTCTTTATA
628151	AACTTAAAGC	TTTTGGACAT	TCTCCCAATT	TTATTTTCAT	TTTTTCTAAT
628201	GC'TTCTCCCC	CC'TTCATGCC	CCCCCTCCCC	ATGGAGGCGG	CAGGGGCAGA
628251	AGACATACAC	TGTGGCTGGA	GTGTCTTCCA	ATCAAATCCT	GGTGCCACGT
628301	TGT'TTCTGTG	ACCCGTCAAT	GTGTCTCTGA	CAGAGTAGCT	CCAATGTTAA
628351	CC'TTAAATTT	TTCAATTTAGT	GTGATGCCCC	TCCTTTGCCG	GTCTCATTAG
628401	GACCTCTGAG	GGCAAAGGAA	GCTGCTTCTT	CATTTTCCCC	TTCTAAGGGG
628451	GAATGCCGAT	CAGAGAGAGA	GACACACAGA	AGAAAGAGGA	ACCCAGCCTT
628501	AGAGAGCCAG	ACCCAACAGG	CGGCCCTTGA	CTAGTCCCGC	TCTCGAAACT
628551	GT'TCTTGACC	ATCTTCGAGT	GCAATTCATG	GGTCGTCACC	TTGAGCAATC
628601	AACTGTGTCT	AGTGTCTGTG	TCATGTAAGA	GTTCCTTTCA	TGACCCCTTT
628651	CTAGGATCCG	GGTTAGCCAT	TGTCTAAATG	ACACGCATAT	GAATTTCTCA
628701	CTTCCATCAA	GCCGCAAAGA	AATGAAAGAC	ATTTGCTATC	AGTTTACCGG
628751	TGGGACCTGC	TCGCTGTCAG	GGGCTCTGTC	CTACATTGCT	CTGCCACATT
628801	GT'TCCCTGAT	AGTTCCCTGCC	ACCACCTGGA	TCAGGTACTG	CTTGGATCCA
628851	CAGAGGGCTT	CTCTTCTTCC	GGTGAAGGGT	GATGTACATA	AGATCAATGG
628901	GATGGTAGTT	GCACCTAAAT	TTTCTCTCTG	GTGTTCCCTC	TAGGAATCTA
628951	TTCTAGTAAA	CTGCTCCTGT	CTGACCACAA	GGACTCTGAG	CATAGCTGTG
629001	TTTTATTTTCA	CCATGGCTAC	TAGGAAACTC	ACAGCTCAAA	CGTTTGTGTC
629051	AACCACAAAT	ACTGTTCTTA	GCCCAGGTTG	CTGTGCGCTT	CTGTGCTACC
629101	TGCTTCTCCC	ATTCGTGATG	TAAGACTTCC	CACCTACAGG	TTTCACTTGC
629151	TAACCTTTTGA	ACTCAGCTGC	TTTGAATGCT	TTGGGGGAAA	TACTGGAGCC
629201	TGCGTGGAGC	CTCTACATTT	CAAAGGTCTT	GT'TTGAGGGT	TAAAAAACTC
629251	CAAAATAAAC	TCTTTTGAGAT	GAATACAATA	TATTAATGGG	GAAAAATGTC
629301	TCTCTCTAGT	CAAA'TTTAAA	TTCACATTTA	GGTTCCTGGT	TATAACCCCA
629351	ACGAGATTTT	CTTCACTCTCA	CACGAAGTTA	ACTTTTTCACG	TACCTTTTCGA
629401	GATAAAACCA	CAGACAAAGC	AATGAGGGAA	AATAAATTTG	AAGGAAAAAG
629451	AGACAAAACA	TCTCCTGTAC	TCTTACTTGA	GATGACCTTG	GGAAGCAGCT
629501	GGGTTTGCTC	AACTGTGATA	ATAGAAGTCA	GACCGGACAG	CTTAGACAGC
629551	CGAAATGGGA	GTTCTCCAG	GT'TGTACGTC	TCCGAGGTGG	GAGGAAGTTT
629601	AGCCCTTGCG	AAGGCAGCGT	CTTGCAAGT	TTTTCAGGCAG	CTGTCTCTCC
629651	CCTGPTCCCTC	CATCTAAGAC	TGTGCCCTAA	GCTTTTTCGAT	AATGCCATCA
629701	GCTGACTCAG	TGAATGCCCT	GAATTTCCAT	TACCTCTTTA	ATGACCTTAA
629751	TCTCAGGTAT	GGTTTAGTGG	TAAAATACTG	CCTAGCATTT	GCCTATTCCC
629801	CACCTCCACC	CCCAATCTCT	CTATCTTTCAG	CTTCTTCTG	AGTCAAGGCT
629851	TCCCATGCA	AACTTTGCGAG	CCCAITGGAG	TGGCATAGGG	AAGACTGAGA
629901	TTTCAAAAGC	AAGGCTCTTA	CCTGCAACCC	TCCGCTCTGA	GATTAAGTAT
629951	GCCCTATGTA	TAAGTAGTAA	CCCGGATGTG	GCACCTCACA	CATAGTCAATG
630001	GTATAGCTGC	TGACCTGGTT	AAACCTTACA	AAAACTCTGA	GAACCCCAACG
630051	GTGGGTTGTC	CC'TTTGGCAG	GGGTGAACCA	AGGCACGGCT	GCAGTTCAAG
630101	CAATATACGT	AGCTCCCTGA	GAGCTGGGCC	CAGGATGCGT	GGTTTCTTACC
630151	ACAATACTCT	GCTTCTCTCT	CATCAAATGG	CTGCCGTGCA	CCATGATTGT
630201	GCTAGGCCCC	TGAGTCTCAG	TGCTTCTCAT	CC'TTGAGCAA	GAAGGAGGAG
630251	GTGCCACCAT	CTGGAATCAG	GAGAAGATGT	TTGGGTTGGT	TTTCTTAAAA
630301	TTGAGGCAGA	TTGTCAAATG	GCCATACAGT	GTCTGGGGTG	GACCTGCCAC
630351	CCCAGAACAA	GTGTCTGGTG	ACCCATGAGA	ATAACCAGAG	CTGTAGGCAG
630401	CTGTTTCTTT	CACACTGGGT	GACCACTCCG	ATGTTATCTG	GTGACACCTT
630451	GAGACTAGGT	GAAATCACTG	TTTGGT'TTTG	GTGAGATTTG	TGTACCTTCC
630501	CCGTACACTG	AAATCCCAT	TC'TTAAACAA	GAATACAAC	TTCTAAGGTC

630551	ACTCGCCATT	TTAGCTTGTC	CACCTATCGT	GTGTTCCCTG	TTTCCCTCTA
630601	AATAAATAAA	CTATAAATAA	AATATAAATG	GTGGGTTTGA	GGGTTTGGTC
630651	GTGGAAATTT	TGAGAGCGGG	TCATCTTCTC	ATAGATTAAA	CTGTAATCAA
630701	ATGAGATTTT	TGTCCTCGTA	AATGCTTTCCA	AGGTACAGCA	GATGATCTGG
630751	TTATGTGTGG	CGAAAGACCA	CAGAAAGAGT	CCGATTCTAT	TAAAGAAATTT
630801	GGGCATTTTC	CCAGAACTGA	AACGGGGCTG	ACCTGTATTTT	TTTTATATGT
630851	ATGTCATTAGA	AACCATGAGT	CTGCAGCCAG	TACCATTTTAA	AGACTTCTTAA
630901	AATTATCAAC	GTCTTTTAAA	TTGAAATTTGG	TTCTCTTGCT	CCCAAAATG
630951	ACCGAGCTTA	ACATTAATTG	TGAATCAGTT	AATAGTTTAG	TTTGAAATCG
631001	TGAAGCCCGG	TGGCTCACCC	TTGCCCTTCG	ATCCCTTGCA	GCGGTGGGCA
631051	AAACATAACC	ATCATGGGCA	GAAATTTTGA	CGTCATCGAC	AACCTCATCA
631101	TTTTCACACGA	GCTGAAGGGA	AACGCAAATG	TGAACATAAA	TGTAAGTTAT
631151	ACTAAACTGG	GGGGGGGGGG	GGCTGGAGGA	AGGGTATGTT	TCATTTCTAC
631201	GACTTTCGGCA	TTATAAACTT	TTGCTTTTCAT	GTGATCTATA	CTGTCTCTGC
631251	TGTGACGGAA	AGATCTCATT	CTTGGAGTTA	TTTGGGGTTG	CCGCATAGAG
631301	GACCCAGTTC	AGAAATTCAT	GTGTTAAGAC	CTGCCACGTT	CTCCTCGTGC
631351	GACGCATGTA	GCACGTTGCT	TTAATCAGAT	AACACTTCTG	AATAGGTGTG
631401	AAAGTCGTTG	TGGATGGTTG	GGGTGCTATG	TACAGAGCCT	GTGACAAGTA
631451	TGTGTGCTAA	CAGCACCAAG	GGAGGTCGGG	GACCTGCTGA	AGTAACATTC
631501	CTTCTCTTGT	CATGTCTCTC	TGGTCTGTG	GCGACTGTCT	TCCGCCCTTC
631551	CCCCCATATG	CTTCCCATC	CCAGACTGT	GGGAATTGTC	TGGTCCCCCT
631601	AAGGGTTTAG	TTCTCTGAGA	AGAGCCTTGA	CGTTCTCACA	GGAACCTTCA
631651	GGGTGAAGCC	ATGGGTGTCT	GTGAGGAGGG	CTTAGGTACA	CTGTTGCTTA
631701	TATAGGTGCT	TCTTGAATGT	TCTTCCGTTC	GCTTCTCTCT	TTTCTCTAGT
631751	GTAAGGGAA	CAGCCATTCT	GGGCCTCAAC	CTGACCACCT	CCTGCCAAAG
631801	CCAGCAGTGC	TGAGGCTGGC	CAAAACACTT	GTCCCTACTG	CACCCAGTAG
631851	GTGTTACAGC	CTGAAAACGA	GTGTAGCGAT	CCATCTTTCT	TACGGCCTTG
631901	TCCTAGACAC	ATGCCCATCC	ACTTCTGGCA	CACCTTCTTG	CCAGTTCCCA
631951	GCCTCACACT	GAGTCTGATT	CTGGCCATTT	TCCCGTGATG	GAAGCCTGTT
632001	CAGTTGTGTA	GTGGCCCTTG	GCCTGAGGGA	CAGCCTTGAG	CAGGAGACTT
632051	GGAAACACGG	TCTCTTTCCC	AGAAACATGT	CCATTTATAT	AGGCATTAAT
632101	ATATGCAAAA	CCATTTTTTT	TTCTGGCTGC	AAGAACAAG	AGTAAATGAG
632151	CTTCTGCCCC	CACAACACCC	AACCCACCT	TCATGAAGGG	AGATGGCAGA
632201	CCTGCACCTG	CATTGGACAC	TGGCAGCATC	GTTGGTGACA	AGTCCCGGGT
632251	CCTCCCGCTC	CTTCCATCTC	TCATGAGTCC	AAGAAGCCAT	GATGTGTTTC
632301	CCAGGGAAG	CATGAGTGGG	TAGGGCTGAG	ACTAAGCTAA	TGGAGTTTCAG
632351	TGGAAGAGAC	TAGACCAGCA	AGCAGGTAAG	GAAGCAGGGA	GTTGATTGCA
632401	GAGCACAGAA	GAGGTTATTC	ACCTATTCTA	GACCTTAATC	AGACTAAAAC
632451	ACCACCTACG	TTTGCTTTGT	TGGAACCTTA	GAGGCTGGGT	TGGGATGGGT
632501	GATAGAGATG	GCTGAATACC	ATACAGGGCC	ACGCAAGGGA	GAATCATCCC
632551	CCAATACCGC	TCTACATTTT	CGAGACAGCT	CCCCATCACC	CCTGGCTCTG
632601	TAGGCAATGG	GGGCAGGAAG	GTCTTGGGGG	TCCTTGGCAA	GGAGTGGCAT
632651	GAGGGTCATT	TTATCCACGG	TGCCTAAGGT	AGTTTGGAGA	GGATAGTTAA
632701	TGAGGATGCT	TCAGGCATGG	CTGGGACAGG	TCTAAGTGTG	ACTGAGACAC
632751	CACCGACATG	ATGCCTGTGG	AGCTCTCTGC	TGGAATGCCA	TCTCGAGGGT
632801	AGGTTCTAGAG	GCTGGTGAT	GGTGAGGCTA	GCCATTCTAG	CATCCCTGTG
632851	GATGAGATG	GGGGTGGGGG	GTGGCTGTGT	AGAAGAGAAA	GCACCAAGGA
632901	TGAAGAAAGC	ATGCTTAGAA	TCGTCTCGAA	GCCTTTCTTC	AGGGGTGAGG
632951	GTGGGAGAGT	CAAGAAAAAT	AGAATGACCA	GAGACGGTCA	CCGAGAAGCT
633001	GTCTTTAAAA	TAAGGGTTCG	TCCCCACACA	AACAGGCTCA	GTCTTAGGGG
633051	TAAGGAGCGA	GGGAGACCC	GTGCTGGTTT	TTTCTTTTAG	GACGTTGGTG
633101	TTAAGGAAGT	AGGTATTGTG	GTCCAGTGGG	TTTTACACCT	ATGCAGAGA
633151	TGCTAAGGCA	GGAATTTTCG	AATGTGTTCG	GGATAAAGAA	TGGTGTCTTT
633201	ACTCCAATGT	GGCCACCTAG	ATCCTCTGTC	CACCCATCCT	TAGCTCCAAG
633251	GATTCAGAAA	ACAAAAGAGAG	GGAATGCTGC	TCCCAGCTTG	CTTGAGTATT
633301	AATTCCCTTCT	CCCTCCACGT	CTCTCTCCCT	TCTCTTTTAT	CTTACAATGT
633351	TAAGGACCGA	ACCCAGGGCC	GTGAGCATAC	TAGGGAAGCC	CTCTGCCACT
633401	GAGCCCCAGC	CCCGGCACAC	CCTCCCTTAA	GTATCTGCCA	ACCTGTCCCT
633451	ACATTGTCTG	CAAGGTTTTC	CTGCCTGTCT	CGCTGCGCCC	TTGAACATGG
633501	CCGTGTAGTT	ATGGGTTTTC	TTTGTAAATA	AACCTGTTCA	CAAAATGGGT
633551	CAGGCTTTCT	GCTCCGCTCC	CGTTTGACAA	CCCTCATGT	CTTAGGGGAC
633601	CTGTTGCTGT	TCTTAAGCTT	GTCATTTTCT	GCTCTTTACT	GTGTGTCCTG

633651	AAAAGCTGCT	TCTCTTGCG	GTGGTTAGGG	ACTTCTCAGA	GGGAACCTCT
633701	GCCGTAGCTT	CCCCAACTTA	GGGACTCTCT	TGCTAACCTT	CTGCAGAGGC
633751	TCTTTTGACA	CACAGTGACT	CAACCAGGTA	CCAAGTTAGA	AGCTGGCCTC
633801	AGCTCTCAAC	TCCCTTCCTA	AAGTTTCCGG	GACTCTAGGCA	TGCAGACTTG
633851	AAAGGTACCT	GAGAGCTTTG	AGCCAAAGCCT	TCCCCTTTCC	CAGCCTGCTT
633901	CTCTTTGCGAG	AGCCACCCTG	TGCTCCCCAT	GCCATCACCC	GACAGGTTCT
633951	CTGAATGCCA	GTTGTGTCAG	TGATGCTCTG	CATAGAGGAT	GCTCGCATGT
634001	GCAGAATACT	TCTGTGTGCG	CCGTCAGACC	ACTGTACTAT	TACAGATATG
634051	ATCTCATTC	CAGTGGCCAA	CATTAAATTG	AATGAATTTT	TTTTTTTTAA
634101	TCTCTGCTCA	TTTTCATTTAG	GGTTAATTCA	ATCCTATGAG	ATCCATAGTG
634151	TTGCTGGCCT	GGTTTTATAG	AGGGGAAGAA	CAGCGCTTCC	GACAGAAGTT
634201	GGTTGCTGCG	GTCACCTAGC	ATTTAGAGCT	GGGGTCCTCC	GGTACCTGAT
634251	AGGCTCTTTC	CTGCTCTCCAG	GTCTCTGAAT	ACTGCGCAGC	AACCTTCTGC
634301	AGGTTTCTAG	CTCCTAATTT	AAAGAGCTCC	AAAGTACGTA	CAACGCTGGC
634351	CGTGAAGCTG	AGGGTCCAAG	ACACCTACTT	GGACTGTGGA	ACGCTGCAAT
634401	ACCTCGAGGA	CCCCAGATTT	ACAGGGTACC	GAGTGGAGTG	TAGCATCTGAT
634451	ACAGAATTGG	AAGTAAAAAT	TCAAAAAGAA	AATGACAAAT	TCAACATTTT
634501	CAAGGATGAC	ATTGATATTA	CTCTCTTCCA	TGGGGAAAAA	AAACAATTTA
634551	ATTGCAAGTT	TGAAAATATT	ACTAGAAACC	AGGATCTCAC	AACCATCCTT
634601	TGCAAGATCA	AGAGTATCAA	GAATGCAAAAC	ACCATCGCTA	GCTCCTCTAA
634651	AAAAGTCCGC	GTAAAGTCACC	TGATTGCCCC	GCTTGTCTGC	TTTATCTGAG
634701	TCTCCGTAAT	TGCCTTACTA	ACCCCCAGGT	TGGAGTGGAA	TCTCTCACAG
634751	ATCTTTAGAT	TCTTCTCTTT	AAATAGAAGA	AGATCGACAA	TGCTGATACT
634801	GCAAGCCCAA	GCATAATTCC	AACCAGAATA	GCAGGCAGAG	CCATGCCTGT
634851	GCTTGTGTGGA	ACGGCAAAGC	ACCGAACACA	CCATTGTCTA	TAATCCTAAT
634901	GAGCCTTTGAT	AGCTTTTGTG	CTAGCTGTGC	ATTTATACCA	TAGCATCTGC
634951	AAGCCACATC	TCCAGATCCA	CTGATGACTG	AGCTGTCACT	CTCTCTCTCT
635001	CTCTCTCTCT	GACGCAGAG	GTGACATGTC	TAAAGCAAAA	CCCAAAACAC
635051	CAGCCTCTTA	GGCACAAGCA	GGCGGGCAG	CACAAGCCTC	TGTCGGGAGC
635101	CCAATAATCT	AGGGTTTGAG	AGTGGCGTCC	GCCAGCCTGG	CTGTCTTTTT
635151	CTCGAGCAGG	TCACCCTTTC	CTAGATGTGC	CCAAGGATCA	TCTGAGAAAG
635201	GAAACATACA	GGGTAGTGTT	TACTCTGTCC	AGCGTAAGCG	GCTCTGTAAA
635251	GTCTATTAAA	AAAAATAATA	ATACTCTGCG	AGTCAGGGGA	CGCGGCTCAG
635301	TGGTAGAGTG	CTTGCCCTGT	GTGCCCAAGG	CTCCAGGCTT	AACTCCAGC
635351	ATTATAAGAA	AAAGAAGAGC	AACCATTTTC	TTTGTAGTAA	AAAATAATTG
635401	GCTAAAGAAC	AAGAGAGAAC	ATTTGTACTG	GGAGGCGAAA	TGAGAGGTGT
635451	GCTTGAGTCC	CAGCTGTGGC	TCTAGGTAGG	ACATCTGGCT	TCGCCCCCCC
635501	CCCCCCCCGA	CCCTTTCATT	GTTTATCAT	TTGGCAAGAG	AGGTAGTAAG
635551	TAGCCATCAC	GAAATGAGCA	ACCCAGGAA	CTGTCTCGAG	GTGCTAGCTG
635601	GGTGTGGCAC	ATCCAGGCAT	CCTTCCATTT	GCTGCAAGT	TCCCAAGCAC
635651	CCGCACTGGG	ATTCAAACCC	GGCAGAGCAG	AAAGCAGGCA	GAAACAGCTG
635701	CCTTGCTGGA	GAGTCCCAGT	GAGGGCATGC	AGTGAGGAAT	AATCTTTAGG
635751	GAGGATATA	CGAAGGGGGA	GGAGAAAGTA	GACTACCTAG	GGATGTCTTT
635801	GCACCTGATG	GTGGAAAAGT	TTGCCTGGAG	AGGCGACATT	GGAAATGTGG
635851	CTCCCGGGAG	GGGGAAGAG	AAGAGAAGGA	GCCACGACAA	GACAGAGGGA
635901	AGCACAGGCT	CGAGGTGTCC	TGAGGCAGAA	ACCTGCCGCG	TAGGTCTGGC
635951	CTGAATGGGG	TGGGTGAGCA	TGGTTGGAGT	GAGGGGCCAT	TCCCAGGAGG
636001	TTAGAGAGTT	GATGGGGAGG	GCCAGAGATT	ATTGAGGCTT	TTAAGGCATT
636051	GCTAGAGGCC	TGTGCTTTTG	ATTCTAGGCA	GCTGCTAGAG	AGAGAATGAG
636101	AACAGAGATG	GTGTGAGCTG	CCGTCTTATA	GGAGAGAGAC	CGTTGGCCTT
636151	TACCTACCCTA	TAGGCCCTTT	CAACATCCAT	GTCAGAGATG	ACAGAATGAG
636201	GCTGGGTGCA	GACTAACTTA	AGATCTCTGA	AGGAAAGAAA	AGCTGGACTA
636251	AGACCTGCCA	TACCCGCAAC	CATCTCGCTT	GGTGTCTTCA	TGGGCTCAG
636301	GTTTCATGGGG	CAGCTCAGGT	TCCAGGGAGC	CGCAGGTGCC	TTGGCACTTG
636351	TGTGTGTGAA	GATGAAGAAG	GGACAGATGT	AGCATTTTTC	TTCTTTTTC
636401	AGTTTAATTG	CCAAGTTTTC	CTTAGCCCTT	GACCTTCAAC	CTCCCCCTTC
636451	TCCCCAAAAG	GCAGAAAACA	GAAACGACCT	TCAGGGATCA	TCTGGTGGTC
636501	AGCTTTGGCA	AACTAATTTT	CACCTGAGAA	AGTCAAGCTC	AAAACCTTCC
636551	TGACTGGAAG	CATCAGTGTA	GGAGAAAGCG	AAGTGTAAAT	GCACCTGTAG
636601	AGAACGGCTA	GGAGCCCTTC	GCCTCAGTGT	GACCCACCG	CTGCACATGT
636651	AAGGTTTCAG	ACAAAAGAGG	CTAGTATTTA	AAACCCACAG	GTCTAGTCCG
636701	GCACACCTAG	AGATCCCAAC	CGCCCCACCA	CGCTTACATC	TGGGGGAAGC

636751	TGACAGCGCG	CATGCGTATG	GTGCCCTGGCG	CCACTGGGTC	TAACAGTACC
636801	AATCTGTCCC	ATCAGGTCAA	GCTGGGAAAC	CTGGAACCTCT	ATGTGGGAACA
636851	GGAATCAGTT	CCTTCCACGT	GGTATTTTCT	AATCGCGCTT	CCAATCTTGC
636901	TGGCCATTGT	CATCGTTGGT	AAGTGGCCCG	TTCCATTTTG	CCCGAGACGT
636951	TATTTCCCCA	GGCTTCTCCG	TGGGCAGGTA	GACCTTCAAG	TTTTTGGGAAC
637001	TCTCTGTTC	CATTAATAT	TAATGGATGA	AAGGCCAAGC	CAGAGAGTTG
637051	AGAAGTGAAT	AACAGGTGGT	CTGTGGCTTC	TCTAATGAGT	TTTTACCGTG
637101	CTTCACTAAG	AAAGAGCGAG	ATTGCAAGAT	GGTCCCTTGA	TGTTTGAAGA
637151	GTATTGCGCA	GATACCCAC	GTCTTTGGGA	TTGTTTTTGA	AACAAGTCCA
637201	TTAAGGACTC	CCAGAACGTG	GTCCATCCTAT	CTCATCCTTG	GCTTCTCCCC
637251	ACCCCTTGGC	CTGCTTTTCC	TGGGAAAGTC	AGGCTTTGCA	CCTGTGTCTA
637301	TGTTATCTAT	TCCAACATGC	CCTGCTTCTT	ATGGACATGG	AAGTACCATA
637351	CTGACTACCA	GTGGGCAAA	CTGACCTATT	TCTTGGATCC	TACGTGACCG
637401	TTTTGGTTTT	GTTTTGTTTT	AACCTGAAGAA	GTTGACATCT	AAAAATTAGG
637451	TAACCTACCC	TTTTAAATTCG	TGTTGAGGGG	GGCCAGAGAG	ATGACTACCC
637501	AGTGAAGAGA	TGCTCTTCCA	GAGGTCTTGA	TAAGATGTGG	CAGCAGCCAG
637551	ATGGTTCCCC	ACATCTGCAG	TGAATCTGAT	TTTTCTCTCT	GCTGTACATG
637601	AAGAGAGAGT	GCTCGTATAT	GTTAAATAAA	TACATCCGAT	AGCTGTATG
637651	GACAGTGTGA	AAGGTCTAAA	CTCTAAGGTC	CCAGTTTTAG	CTTGCATTCT
637701	TTGTTAGAGC	TTGGCAATTG	CTACTCCTTG	AAGACAGGGT	GTTCCGCCCT
637751	TGGGTTTTC	CCATAGTCTC	TCCATCCCCT	AAGGTTCTCA	CCCACTCTFA
637801	TAGCTGTGTC	CTGCAGCTAT	TTTATGTCTT	TTTCATCTCT	TTCTTCTCTC
637851	TTCTTTATCA	ACAGCACACC	ATGTTTGTG	ATTAACATA	TACGTGCCCC
637901	TTTCTGACAC	TGTAGGGCAT	GGAGGCAAGG	GTCGGCATTG	CTGTGCTGTG
637951	TGTCCTCGCA	CCCCCTTCTT	ACTCTCGTTT	CCAAATCTGT	TTTCTTGTG
638001	TCTTCTGTTG	TTTTTTTACT	GAGCATTGGA	TAAGATGTGG	GTCAGTGGGT
638051	CTGTCCCTAC	TTTGAGAGTT	GACTTAAGGA	CTAGTGCTTT	CTTTGGGCAG
638101	TTGACACTCC	TGGGACGGGA	GATATACATT	TGTGAAGAA	TGGCTCATG
638151	AAATGAATTT	TCCATATGTT	CCTCATCGGT	GATTATTTGG	GGTATTTTTT
638201	TATGCTTTCC	CCAAGTTGTC	TACCTCCGTC	ATATATCTAC	AATTTTTAAA
638251	TTAGCTTGAC	ATTTTTCATA	ATTCTGGCTC	GATATGGGCT	TCAAGAAGAT
638301	TGCTTGATATA	AATGCTGAGC	TCTGATTGTA	GTATCAACTG	CTGTGACAGC
638351	TGTTTCAGAT	TCTCAGCCTC	GCCACATAGT	CATGTCCACT	TTGTGACTCC
638401	CGAGAAACCT	CTGGTCTCTT	GTTAACTTTG	TAAGAAGTCA	TTTTGTCTCT
638451	TAAAGTGATT	TGTTTGAATC	TGCAGGACCT	CTCAAAACCA	TCCCGTTGTG
638501	ACTCATCTTA	GGGAGGCATG	TGTCACGGCA	GCTATGTGTA	ATGTGACCTA
638551	GTCCCTTCACT	CATGTCTCTA	GTGTAATGTC	TAGATGCACC	TAGCCCTGAGC
638601	CTGCCAACAA	CAGAGCCAGG	AAACCAACCC	TGCTGTGTGG	ATGCTGCACG
638651	TCCCTTTTACA	TTCTGAGTCA	GGGTAGCTTC	CTGGGGAGCC	ACTGCCCCAA
638701	ATGAAAAAAA	AGGGGTCTCT	TGGTTGGGGT	AGTTTGAAAA	TCAGCTCTTG
638751	GAAATGCTCA	GTCCCGTTTA	TTGTAAGTAC	AGCTGAGATG	GTGAAAAAGT
638801	CTAGGGATGA	CTTCTGTGTA	ATTGTGTGTA	ACAGTGTGTT	TTTCTCTCTT
638851	GTGCTATATG	CTCTGTCTGT	CTGCTGTCTG	GTCTGTCTGT	GTCTCTCTCT
638901	CTCTCTCTGT	GTGTGTGTGT	GTGGTGACAT	ACATAGGGGT	GCCCAAAATC
638951	CATAGGACTC	GTATAACAGA	GGAAAAATTT	GTCTGTGTGT	GTGTTGTGCC
639001	CGAATACCAC	TGCAGACATG	GAACTGGCAG	AGGATAAATT	CATGTTGCTG
639051	CTCTTCACTT	TCCACCTTGT	TTGAGACAGT	GTCTCTGTCT	TGTACCTCTG
639101	ATACACTGGG	GTAGCTAGCC	TTAGGATTCC	TGGGGCATCT	CTTGTCTCCG
639151	CCTCCCATCT	TGCTGTGGGT	GTGCTTGGCT	TTACGTGGGT	CCCTCAGATC
639201	CTCTTATTTG	GATGGCAAAC	ACTTTTCCCC	CAACCCCTTT	TGTGTAGTAT
639251	CTGTTAAAG	TTGAGATCCT	TCTGGGATCA	TATGAGAGCT	GGCAATCGTT
639301	TGTTTCTCGG	GTGATGTGTA	TTCTTTGATT	TACTGCCTGT	AATCTCTCTT
639351	ACATCACAGC	TCTTATGGAT	AAGGCAGGCA	GGCAGGCACA	GAGATGCTAA
639401	GGGATTTGCT	CAGGGTCACA	CAGGTAGTAA	ATGAAACGAC	AGAGCGGAGA
639451	TATAAAACCA	AGCTCCAGGA	TTCTGTGAC	TGACTACTCA	ACACAGATGG
639501	TTACAGAGCA	GGTATGTGG	ACACAGAGGC	CACCACTGAT	GGGGGCTCTC
639551	CATGACTTGC	CTGTTACATC	ACCCCTTCTT	AAACCGTGCA	AGTTAGGCTC
639601	CTGCTGCGAG	GAGGGATCTG	CAGCAAGGAC	ACATCTGTGT	TTTTCTCTCG
639651	TATTTGCAAC	GCTGTTTCTG	TTCTCCAGAT	ATGATTAGAG	ATGTGGGGAA
639701	AAGAATGAAC	CATCCACAAA	TCCAGTGGCT	GGCTTCAAGG	AAAAACTTGG
639751	CCTGCTTCTT	TACTTTCCAG	CCAGCTGGGA	CCTTTGGTTC	CAAGTGAAGG
639801	TATATTGATT	GTGTTTTCAC	TTTAAGATGA	GTGGAAATTT	TTCCCCCTGT

639851	TACATTTAAC	ACCTTCCTCT	TTAGAATGAC	CTTTAATGGG	GGAGCTGGAG
639901	AGATGGCTCA	GCAGTTAAGA	GCACTGACTG	CTCTTCTGAA	GGTCTGAGT
639951	TCAAAATCCCA	GCAACCACAT	GGTGGCTCAC	AACCATCTGT	AATGAGATCT
640001	GACTCCCTCT	TCCTGGTGCAT	TTGAAGACAG	CTACAGTGTA	CTTATGTATA
640051	ATAATAACTA	AATCTTTTTT	TAAAAAAATG	ACCTTTATGG	AAATGGCCCT
640101	TTAATAAGAA	TCCAGCTTTT	GTTTTTTTTT	CATTTTGGTT	TTTGTGGCAT
640151	TGAGGTTGGA	ACCCAATCTC	AATGGAACAT	GCTAGGTGCT	TGCTCTGACA
640201	CCACACAGAC	CCCCCCCCC	CATAAAGTTT	TTACATGCAT	TTTTCTATGC
640251	ATAATTCTCC	CTCTATCTCT	CCTCCCIGTT	TCTCTCCCC	CACCCCCACC
640301	CCCCACCCCA	TTTTCATTTT	TGTTTACTTG	CACCAACCTG	ACCCAGAGTC
640351	TCGTGTCCT	CAGTGGCTGT	GGTGGTGACG	AGGTACAAT	CCAAGGAGCT
640401	CAGTCGAAAG	CAGAGCCAAC	AGCTGGAGCT	GCTGGAGAGC	GAACTCCGGA
640451	AGGAGATCCG	CGACGGTAGG	CTCTGAGACT	CCCGTGCCG	GTAGCAAAAC
640501	AAGCCCTGCT	CACTTTATT	TTAATTTTGT	CCCTTATGTG	GAAACTGCCA
640551	CATAATGAGA	ACTGATTGTG	TAGTAGAAGA	CAAGCTGAGC	AGCAGGGCCT
640601	GGGCTTGGGC	CTGGCTTGT	GTTCTATTTC	GAGCTCTGTC	TGCAGGCAAT
640651	CAAGTAATTA	TCTATTGTTT	CTTCTTTAAT	GAAAAACCAAG	GTCACACTCT
640701	GTGTTAGACA	AAACAGCAGA	GGATCTTATC	CATTGTTTGC	AGAGTTAAAA
640751	TATTGCTCTT	GGGATTCTGT	GTTGCAAGCT	TGCCGAGACT	CCAGATGGAT
640801	AAGTTGGATG	TGGTTGATAG	CTTTGGAAAC	GTACCTTCCC	TTGACTACAA
640851	ACATTTCGCT	CTGAGAACCT	TCTTCCCTGA	GGTAAAAAGAA	CACGTATCAT
640901	CATCCTCAGG	CTGAGCCTTG	AATAATAATG	CGACATCTTG	CCTTAAGTCC
640951	GGGCCGAGCA	GGGAAGAGGA	TAATTATTAA	TGCAATGAT	TAGGGTAGAG
641001	GGCAGACAAC	GGCTACTGGC	AATTACTCTT	TCCC'TGGTAA	GGAGTACAAG
641051	TTTAGAGTGA	TGGGTTTTGC	CATATATATA	TATATATATA	TATTTTTACTA
641101	CCAGCTTCAA	ACTGACTCCG	TAGCTGGGAA	GTGAGCTAAT	TCATTTTAAA
641151	ATCAATAAAT	TGTGGGCTCG	CCAATTTGTT	GTGTTTATCT	GCCTGACTTG
641201	CAC'TGCTGCT	CCTAGATTAT	TCGCTATTAT	TTCTCCATTG	GAAACGAAAG
641251	CAGGATACG	CCAAATGGGG	GAGAAATTGG	ACACGCAAGG	AATCTGAGTT
641301	CATGGCAGCG	AGTTT'TAGCC	ACGTGAAGGG	TTTATGGTCT	CTTCTTTGAC
641351	AGTTT'TTCTG	T'TAGTAGATC	ACTTTGCTTG	TTCAATAGAT	ATAGGTGTCT
641401	GGAAATGAGAT	GTGAGTGGTT	CTAGCGCTTC	AAGTGTACAG	AGAGCCCTTT
641451	GGGTTGGGGT	GGGTCTCAAT	TCTGTTCTGA	CACCCCATTT	TCCCTCACCA
641501	TTCTTCAGTT	ACCTTCCCC	CCACCCCCAC	CCCAAGCCTT	TGACAAGAAC
641551	ACTCACCCAT	TCTGTCTCAC	CACGCTATAC	CTCAGCTCTG	CCATATTGCT
641601	CTGCTGGTCT	CAGAGAGATG	CCCTCTGAAT	TAGAGCTCAT	TAGTCCCTCC
641651	CATATT'CAGA	TCTGGGCCAG	TCAGCAAAGT	TAGAAATCTC	TTCAAACCTT
641701	GACTGTTTTT	GGCCAGAAGC	CTAAGAACAT	AGGCACATGT	GGTTGGCAAT
641751	TTCTAGTGTC	TCTACAAGTC	TTGCAATGGA	TATATATATA	TATATATACA
641801	TGTATATATA	TATTAATCAT	ATATATAAAT	ATATATTAT	CATATACACA
641851	CACACATATA	ATACCTACAC	ACATGCACAC	ACATAGCACT	GTCGGGACAG
641901	CTAGACATTG	CCACAAGATA	CCTGCCATAT	ATGGGGATCC	AAGCCTTGGT
641951	GTTATAAAATC	AAGAAGGCTA	CAAATAAGAC	CAGTATTCTT	ACTTATCCTC
642001	CAAGAATAACC	AGGCACCAAG	ACCTGCTGCC	TGCTGCCTCA	TCCATTTGCC
642051	GTACTTGGGG	GGAAGGAGGA	AATTCAGATC	CCTGAGTCAC	GGTAATACTC
642101	AGGACCTCTG	AGAAGCTTGC	ATCTCGAGCC	CGAGTTTCCC	CGTTCCTTGA
642151	GATTCCCCAT	TAAGAATTAA	AAAGCAATAA	AGGAGATTTC	CAGCATCCAG
642201	ATGAGTACTG	TGTGGGCTTT	TACAGTTAAT	GATTGCCCTT	GAA'TGCTGAA
642251	TAGCATAATC	TGCGGCCTGA	AAAGGAAATT	CTCTATCTT	CTAAAGTCAG
642301	CAGTCAAGGG	CAGGGCGGAC	TGATGAGTGT	CAAGGAACAC	CATTGCGAGC
642351	CGAGTGCCTC	AAGATGAAAG	GAAACCCCCA	GAATAGCGTG	GCATTATCTT
642401	GGGAGAAAGG	AATAGTCGCA	AGGAGCCCCA	CCGATT'TAAC	TCAGGGTTCA
642451	GTGTGGTGCT	GAATGGCAAA	CAGAGAGTCC	TAAAGCCAGG	AGTCATTAAAG
642501	ACAGAGGACC	CAAGTGGAAG	CCAACAGGGA	TCTTTCAGAA	CTCTTTGAAG
642551	GAGATCTAAG	TCAAAACTGA	GTTTATACTA	ATAAGAAGTG	GGGTGAAGCC
642601	CAAGACCCAGG	CTGCTTGCTA	TGGT'TGACCA	GAGCAGATC	CTTGGGCTCG
642651	GAGCTTGGAT	GTCTGAGAGG	CCATGATGGA	TGATCAGTTT	TTCCAAGACA
642701	GCAAAGGAAG	AGGTGGCCAG	GGTGTGGCGG	CTCCAGCTTT	GCTCACCTGC
642751	CTGCTGGTTT	TGTTTTTAAAG	CTTTCTTTT	CATTAGAGCA	GTGGTTCTCG
642801	GCCTTCTCTG	TACTGTGGCC	CTTTTAAATC	AGTTTCTTAT	GTGTGCTGA
642851	CCCCAACCAC	CAAAAATTATG	TTTGTGTGCTA	TGCTGTAAAC	CAATTTTGCT
642901	ACTGTGATGA	ACCTTGATGA	AATACTTGAT	ATGCAGGATA	TCTGATGTGC

642951	AACCCCGTG	AAAGGATTGT	TCGACCCCA	TGAAGGGGCC	TTGACCCACA
643001	GCGATCGAAT	CGCTGCATGG	TGTATATGTG	TTATTTGTGT	CTGAGATAGG
643051	GCCCCAGATG	GCACAGGCTG	ACCTCAAGTT	TCCAATGTCA	TAAAGAAGAA
643101	CCCTGAACTT	CTGGTCTCCT	ATAGATAGAC	TGATTTCTGT	TTTCTCGAAA
643151	ATAGAAAAACA	CAGGATAAGC	AGAATATCTA	ATCTCTTTGGA	GGAAAGGAAT
643201	TTGAATPGAGG	AGGAGAAGTT	TTGAGCCAGG	GAGCAAGGCT	ATCATCACTT
643251	CCCAGCAGAA	GGTCAAGAAT	GAATTGTGGG	GTCTTTAAGAG	GGCTCAGGGG
643301	TAAAGGTGCT	TGCCACAGTA	AGAGTTCAAT	CTCCAGGACC	CCAAAGTTGT
643351	CCTCACACAC	ACACACACCA	CACCTGAGACA	TGGCCCTTCC	CTCCCTGTGA
643401	AATAAATGTA	ATCACACACA	CACACACACA	CACACACAAA	ACTGTTTAAA
643451	CTGGACATTT	ATATGAAGTT	AAGGAGTAGA	CCAAAATAAT	TTGAGATCTT
643501	CTGCTTTGGC	TAACAAATTT	GAACCCGTGA	AATGAGGTTT	TCTGCAGGAA
643551	AAATTTACTT	TATTAAGACA	CAAGCTTTAT	CCAGAGTTTA	AAGTATGAGG
643601	GGGGGGGGAG	AGGAGAGAGG	AGAGAGAAAT	CTGTTTGTATG	TTATGATTTT
643651	ACTTAGTTAA	TTCAAACATAT	TACCCAGTAT	GGTTTATATAT	TATAATCTTT
643701	GGGCATAGTC	CATGTTAGTA	ATTTACAGAT	TTGGGAGACA	GAGACCAGAG
643751	AATTGCTGGG	AATTTGGGGC	CAGCTTGGGA	TATAAAGTGA	GGTCTGTCTT
643801	CAAAAAACCC	CAAAATAAGT	AAATAGAATA	AAATGCAATT	CTTAATTTTCG
643851	GTAAGATTAA	TGAGACATTA	AAAAAAAACC	CTCAAAATGA	AAAGTTTATA
643901	TTTAGGATCC	ACATAGCATA	GTATATCAAG	ACGTAATTTT	TCGAGTAGGG
643951	ATAAAACCTC	CAGTCATAGT	GGACACAGAG	CACCTGTGTC	TCAGGGCTCC
644001	CGCATTTTCAT	TTTTACAAGA	AGCCTGTGAG	GTTGGGAACCA	TTGCCCTCCCT
644051	CCATTTTCACA	GATGAAGGAA	GTCGGACACA	GAGGTTAAAT	AACCCATGCA
644101	TGCTCGTGTG	GCCAGTACAT	GGTAAGCCAG	AGCTGGGCCC	CTGGTAGTTT
644151	GGCTCTAAAT	TCCATGCTTA	TGCATCACAT	GTCTTGCCAT	TGCTTGAGGA
644201	TGTAACATAG	TAGGACAGTA	GATGCTACCT	GTCCTATACCA	CATCTAAGCA
644251	TGGCGGACTG	TGTGAGCCTG	ATGCTTAGAG	GGTAGCGCTG	TGTGAGCCTC
644301	ACCCTTGGAG	CTCAGCACTG	TGTGAGCCCT	ACACCCCTGG	AGGTCAAGTT
644351	CATGATGAGA	GGTCTGACGT	TTCTGTAATC	TTCCACCACC	ATTTTGTTTT
644401	GTTTTGTTTT	TAACTTTTGA	GTCAGTTCTC	TTTTAAAAAC	CCAACATAAT
644451	CTACCAAAAA	GCCAGTCCTT	GCCAAACGCA	ATTTCTCAGAG	GCTCTCAGCA
644501	GCCACGGGTG	TTTTTTGAGA	GCATGGCAAT	TATTTATTAT	GTCTTAGAGG
644551	TGACACAGCA	AGCGTAGACC	AAGGGCTCTT	CAGATTAGCA	AATAGCACCC
644601	CTGCTTTTAT	AGAAATGGACT	TGGGTATTGT	AACAAAAATG	CACCTGTTTAT
644651	TTCTCTTTGG	ATGTTATGAA	TAATAAAAGT	GTCTCTCTTC	TCTCAGTCAG
644701	GTGGCTTCAC	GCACATCTTC	ACTGAAGATA	TGCACCTAAG	TCTCTCCGTC
644751	TTCACTTTGT	GCTCAGTGAC	TGCTCTGTGAG	CTTATCATCC	TTACTGTCAC
644801	CACCATTGTT	AATACTTTGA	ATTTTATTG	TGGGCATATC	TGGATATTAA
644851	GTAACCTGTT	GTCTTGGGAG	ACCCATTGTG	GCTCTGCTTT	CTAAGTTTCC
644901	ACTTACGTTA	GGTCTTGAGC	TATATTATCA	TACTGTTTACA	TCATTTGTTG
644951	TTACTCTTCA	CCTCTCTCCAG	AACAGAGACG	CCAATGACAA	GAACGAGAGC
645001	CTCACAGCCT	TGGATGCCCT	CATATGTAAT	AAAAGCTTCC	TGGTTACCGT
645051	CATCCATACC	CTGGAGAAGC	AGAAGAACTT	CTCAGTAAAG	GACAGGTACC
645101	TGTTAGTTCC	TTTGTATTTT	GATAAGCACT	TAGACAGAGA	CGTGAAACCC
645151	TAAGCACCCA	CCGGGTATGA	TGGCACACGC	CTTTAATGGT	AGCATGCTGG
645201	AGGCCAAACA	AGTAGAGCTT	TGTTAGTTT	TGAGACCGGC	GAGGCTCTATG
645251	TAACAAAATT	TAGGCCAGCT	AGGGACAAGC	AACAACCCCA	AGCTACTTAT
645301	TTTAGCTTTG	TTTTTCCCCC	TTATTTATTT	ATTTTATTAT	TCATTTATTTC
645351	ATTCATTCAT	TCATTTCATTC	ACTTCACATC	CTGATCATAG	CCTGCCCCCT
645401	CCTAATCCCC	TGCTCGTACA	GTCTTCCCTT	ATCTTCTCTT	CCTTCTCCCTC
645451	TGAGAAGAGG	GAGGGCCCTC	CCTGGATACC	TTCTGGCACAC	CAGGTCACCTG
645501	CAGCACTAGG	CACATCCTCT	CTCACTGAGG	TCAGACAAGG	TGGACCCGTT
645551	AGAGGATCAG	GATCCACAGG	CAGGCAACAG	AGTCAGGAGC	AGCCCTGCT
645601	ACAGTCATTG	GGGACCTGTT	ATGAAGTCCA	AGCTGCACAT	GTGCAATTGGT
645651	AGTAGTGTG	GGGACTGGCT	GTGTTCTCTG	TTGCAGACAG	AGCCGAGCAT
645701	GCTCTGTCCT	TGAGAGGCTT	CATCCAGTAG	CTAACCAAAA	CAGATGCAGA
645751	GACATATGTA	CAGGGGGCCT	AGGTCCACCC	CGTGTATGCT	TTTGGTTGG
645801	TAATTCCATC	CTCTGGAACT	CCTAAGGGCC	CAGGTAGTGT	GGCTCTGTTG
645851	GTATTCTCTG	GGTATTCCCTA	TCCCTCCAG	GTCCCCCAAT	CCTTACCAGC
645901	GCTCTTCCAC	AAGATTTCCT	GAGCCTCAGT	TGATGTTTGG	CTGTGGGTCT
645951	CTGCATCTGT	TTTGGTTAGC	TACTGGATGG	AGCCTCTCAG	AGGACAGCCA
646001	TGCTGGGCTC	TTTCTGCAAA	GCTGAACAAG	AACCAATCCC	TGACACTGGT



646051	ACCATTGCTT	TAGTTTTTGA	AGGGCTGGGT	ATCGAACTCA	GGGCCTCAGG
646101	GATGCTGAGC	AGGTGCTTCG	CAC TGAGCTA	CAGACCCAGC	TCTCAAGCTC
646151	CTTGCTCTTA	AACTCTCC	TGCGCCTCAG	CAGGCCCTTG	CCCAGCGGAG
646201	TTGACAGGGG	GTTTATACAG	CCATGCTTTG	TGCAACTCGG	ATCACACCAA
646251	CAGAACCAGC	TTCTGTCTTG	AAGGCACACA	TACATACACA	TATCACCCAG
646301	TAAAACCTGA	CAGAAACCCC	AACACCAAAA	AAGAAAATTC	TTAACCAAAA
646351	AAGCAGAAAGT	GTTATTTTTA	ATTTTGAATT	TTAAGAAAT	ACCCTAAATT
646401	TTTTTGGAAAA	GAAACTCACT	TCTTGTGGG	AAAAAAAATA	GAATAATGACT
646451	TGTTTGGTTTT	GTTTGTPTGT	TATTTCACTGT	ACCCAGCAGG	CTGGCCTAAA
646501	ACTCCCTTTG	TAGCTGACAT	GACCTTGAGT	TCCCATTCT	CTTGCTCTCT
646551	CCTCCATACT	CTGAGATGA	CAACTGTTTG	CCACCACGCA	CCATATTATG
646601	CCTTCTAGGG	ATCAAAACCA	GCGCCCCATG	GACTAGGCAA	GCAGTTTACC
646651	AACTGAGCTA	TGTGGGTGCT	TACGCTTGGT	GGGTAACTCT	ATGCCATAAG
646701	AACTGAACGG	ATCGGAACCT	AAACAACACA	CAAAAATAATG	GCTCCTCAGG
646751	AGACAATTCC	CCCATTGCCA	GCAAGATTTC	ACGGAATACTA	GACAAGTCTCT
646801	CTTGAGTCCA	GGGCTAACGG	CTCACCAGGC	TCTATTTTTA	AACAGGTGTC
646851	CTTTCGCTCT	CTTCTTAACC	ATTGCTCTGC	AAACCAAAT	GGTCTACCTG
646901	ACCAGCATCC	TGGAGGTGCT	GACCAGGGAC	CTGATGGAGC	AGTGCAGTAA
646951	TATGCAACCA	AAGCTGATGC	TGAGGCGCAC	GGAGTCTGTG	CTGGAGAAGT
647001	TCCTGACGAA	CTGGATGTCT	GTCGTCTCT	CCGGTTTCCT	CCGGGTAAAT
647051	GTCACAGGCG	TCTGCAGTGT	CAGAGGTAAG	CCAGGTAAGT	CTGTGCAGTC
647101	GCCACACTG	GTGTCTTTGT	CGTGGGTCTT	CCAGATTGAA	TGGAAAAATA
647151	AGCGTTTAAAT	TGAACCTGAT	GTTTATTTTT	TTTGTTTGTT	GCTGCTGTTA
647201	CAATTTGTGCG	GGTCTGTGTT	AATTACAGTA	GGGCTCTCTT	GGGTAAGATT
647251	GTAGTCCCTA	AGCTCATCTT	CTTATCTTAG	TTAACACCTT	TGATTTGCT
647301	CTTATATGCG	GGAAAACGTC	CCGAGACCTG	AGACTGTTTA	AAACGCTGAT
647351	AGCCTATGTA	TGTTCTTTAG	TCCTTTAAAA	CATGTGGAA	ATACTCATTA
647401	GAGCACAAC	CACCTGCGAGC	TAATGACGCT	CCCTTCTTCC	CAGGTGTTCA
647451	GCAGTAAAGC	AAATCCCCAA	AGAGCCCTCT	GTCTCCGAG	TTCACTTTCT
647501	TGAAGTGACT	ATGGCATATG	GTTGAATTTC	ATTGAACCTT	CAAACTTTTC
647551	AGAGTCCAAA	CTTTCTATGA	GCATTGAGC	CCAGGCTGCG	GTCTGGAGTT
647601	AAGACGGCTC	CATCGCTTCT	TGGCATGTTA	CCTGTGGAGT	TAACAAAAGA
647651	TGAATATCAT	TGGGCTGTTT	TGAAGCCAG	ATGACAGGTA	GTACACCAAT
647701	TGCTCGGAC	TGAGTAAGAA	CCCCATAAAT	ATTGCCATT	ATTATAAAT
647751	ATTAATAATGA	AAATCAGGGT	GTTTCTGTTT	AACATGCTCT	TTGTTTCACTG
647801	CTCTGAGGCC	CTGGGATGGA	GGGAGTTTCT	TATCCATCTT	TAACCTTACC
647851	AGCCGTCCAG	ATTCAGCAA	AACGGCATAA	TTGTGTATT	GCAGCTTGCT
647901	TCAAAATCTA	ATTAACCCCT	GAATAAGATA	CACCTGCTATG	CCACAGGTTT
648001	TAAACAGGCT	GCTTAAGCTG	AGATCCACAA	GCAGCATTTT	AAATTAGACT
648051	TGCGCTAGTT	TAATGTTTAA	TGCAATCTTA	AGAGTAGATA	CGCAACATTT
648101	AAAAAAATTT	TTTTTAACTG	ACTTTTCCCA	CTCCCAAGGC	AATGGCCGTT
648151	TATTTAAGATT	AATGAAATCT	GCCTCCTTTT	CTGTTTACTT	GGTATATATC
648201	ATCTGCTCTG	GGGATGTGTC	AAGTGGTTAT	TTCTGGAGAG	AGCTGCCTTT
648251	GGGCTCCTCT	GAGGCTGGGT	GGGTGGCCAC	TGCTGAACAC	AGGTGCTAGA
648301	CCCTCTCCCA	GGTTCCAGG	TCTTAATCCT	CAGCTGACCC	TAGGCAAAA
648351	GCCCTAGAAT	GGCATCCACC	AGTCTCTTCT	CTAAAAACTC	TGTGGCTAAT
648401	GTGTACAAATG	CTCAGAGGAA	ACAGAAAGCA	AACACGCACC	CTGAGCTTTT
648451	GTTTAAAAACC	AGTAAGCTTG	CTTGCTATCT	GCGTCCATTC	CCCAGCGCCC
648501	CAACCCACCC	AGCTGCCTGA	GTCCCCCGGG	TTAGCGTGT	CACGTGGAGC
648551	ACTGTATCAT	TTTGTGTGCTT	GTGTGTCTCT	GGCTTGGTGT	CCATTCACCTG
648601	GTAAGTCTAC	TGGTTTGA	TTCACTCCCA	GCTCTTCCCT	ACCAGGAAT
648651	CGCAGGAGCT	GCTTTTAGCG	ATGAAAGGGG	AGAAGTGTTC	AGAAAAATCT
648701	GGGTGCTCAAG	CCCAAGCGGC	CCCTTGTAGC	AAAGCATTTCT	GGGTCAAGAT
648751	TCTCTCTCTG	TGCTGATTCA	AGAGTGTGTG	GAACCATCTGG	TGGTGGAGGG
648801	GGAGAGCGGC	ACGGTGCCCA	AGAGGAAGTG	GCAGCCACGC	AGTCTGGGC
648851	GGGACTTTCA	CTTTCAGTGG	AAGAATCCCT	CCAGTTATCA	AGGGGCTTGG
648901	GGGGCTCTCT	CTTGCCTG	TCATTGATGC	GAAGAGGTA	GCAACCTTCA
648951	GGTGAGCTCC	CTTCCAGAC	TCCAAGGCCCT	TGATAGGACA	GATATGACAG
649001	TTGACATCTA	TTAAGCACTG	CTGTGGCTA	TACATGCAGC	ATCAGGCCAA
649051	GAGCTTGGAT	TATCTTTTCT	CATTTAACCC	TTAATGTGCT	GCAGAGGTAA
649101	GTACATTTAT	GGCTGTTTTG	CCTATGGGGG	CTCAAGACAG	ACAGAAATAGA

649151	TGTGATCTCTG	TAGGTCCGAG	GGTAGCGAGG	ATGGTGCCAG	CCTCTGAATG
649201	AGCTGATAGT	CAGCTCTGGT	CTGTCATCTA	AAGAGAGAAG	ACATGTCCCC
649251	CAACAGATGA	GACATACAAT	TCCTTGTGTT	AGTTGACGAC	AAAGAAATCT
649301	TGTGGCCTGG	TGTTTTCCTA	GGCTAGTCAG	TGTCTCTAGA	AAGGTTTTTC
649351	AACTGCCTCT	TGCTACCGAA	ATCTAGGTTG	AGTAGGTATC	TATGTGGCAC
649401	AGGCTAGGGG	ACAGGCACCT	AAGTCTCTAG	GAGGATCCTT	AAAAGATGCT
649451	GGAGGTGACT	CGATAGGGCT	AGAAGTGAAG	GCCCGAGGGG	CAGTGTGAAG
649501	CCATATGTCA	CCAGCTCCAT	TTGGGGAATG	CTGGAAAAAT	CTAACTAGAG
649551	AGCCCTTGAG	CCAGTGGCTG	TTCCCTCTGC	CAGCCCTGGG	GTCCTTGGCT
649601	GGCCTCTGCG	TCAACCAATG	TGGCCAAACC	AGTCCCCACA	CAAGGGCCCT
649651	TGGTGTGTCT	CTGCCATGTG	TAAGAAAGCG	AGAACTGAGG	TCTTAGGTTT
649701	TGTGGTCAGG	CCCTTTCCCA	AGGGGTTGGA	CGGAAAGCAG	ATCTCGGTGA
649751	GATAATGAAC	CATGAAATAA	AGGAAGTTTC	GTATGAGAAC	GAAATGTCTG
649801	GTACTGGTCC	CCCTTGCCCC	ACCTTGGAAG	CTTCTGAAAC	TCCCCCTCTC
649851	TGTCCCGCAT	CAGGAAGAGG	CTACTCGCTA	CTGTCCCGCA	TCAGGAAGAG
649901	GCTACTCGCT	ACTTGGGGAG	TTGTCAAGAG	AGGGGAGAGA	AGCAAAGAGA
649951	GGCAGGGAGG	AAGTGGACCA	GGAGAGGTAG	AGGGTGGCAG	GAGACCAAGG
650001	GAGGGACCTG	TGCTTGGAGG	AAGTACAAAG	CGAGAGACAG	GGGTGACCGG
650051	AGAGGTTAGG	GGAGGCCCCA	AAGGGTTGTC	GGTAACCCCT	CTGTTACACG
650101	GAAATCAGAC	AGAGAGCCAG	AGGGATGCTC	CTTTCGAAGC	TGAATTAGTT
650151	AGCTCTGCAG	ATGAACCTTG	TAACATGGGG	GCTTCCAATT	GAGCCATGTA
650201	ACTACTGTTT	CATCTTTACT	AAGGCACTCT	GGCTTGGGAG	GAGCCCTCCC
650251	CTTTCCCCCA	CCAGGCTTAG	TGTCCATGGA	TCCTTGAAAC	CTCATTTGTT
650301	AGGGGGAAC	GAAACTGCCC	CAGGGCTGCA	TGCCTCAGCC	GATGGCAGGA
650351	AGCAGAACAC	AGCCATATACC	TGAACATACCC	AATGTCCCTT	TGAACATAGT
650401	GGCTTCAAA	CTGGGCCATC	AAAACCCCTT	CCCCCAATT	AGTGGGACGT
650451	GTTACACAGG	GAGGGCTGGA	GACAGGGACC	CTGGGACCAG	CCTTAGAGGT
650501	TCAGGGGAAG	GAATACTGCC	CATCTGACCT	GTGAACCGTG	CAAGAGGTGT
650551	CTGAATGATA	AGGGCCAAGG	GCTGGCACAT	GGGCAGGACA	ACAGCTGAAG
650601	TGGAGGCCAC	CTCCATCGCT	AAAAGCAGTT	GAAACATGAC	AGGCCACCCCT
650651	CCACAGCAAA	TGTTTAAAA	ATTCTTGTCAT	GAGTCCCTGT	TGCCAAGACT
650701	AAGTCTGAAG	CACTTTTTTT	TTTCTTAATG	TCGCTTATTT	TTGGTTTGCA
650751	ATTAAACGGG	CACGTAAACA	AGGTTATAAC	CTACCTCCG	TGAAGCTGTC
650801	TTAGGCACCA	GCCCTACTGT	GAGCACAAAG	CTGCCAGACA	GGAACCTTAA
650851	CATGAAATTA	AGGGGGGCCCT	CTACTGGATA	CCTCCCATAG	TGTTGGGGGT
650901	GGGGTGGGG	TCGTGCATGT	GCATAGTGTG	CAAGAAGGAG	TTTCTTGGGT
650951	GATGTGCTGC	GGCTTTCCAC	GGGCTTTGCA	TGTTGATATT	GAGTGAATAC
651001	TGCTGCCTGT	CACCTCGTGT	ACTACCGTGG	CTTCAAGAGC	TAAGTGTGTC
651051	TTTTTGCAACT	TTTTTCCAAG	AGACTGTTGG	AGAGCCATT	TATTTGCTGG
651101	TGACGACCC	GAAACAGAAA	ATAAACAAAG	GTCCCGTGGA	CGTGATCACC
651151	TGCAAGCGC	TGTACACCC	GAACGAAGAC	TGGCTACTCT	GGCAGGTCCC
651201	CGAATTCAC	ACTGTGGTAA	GCTTGCCCAA	AGCGCTCCAT	CCAGACCCAG
651251	AGGGTGGGGG	TAGGTGGGAT	GGGGGGAGGG	TGGGTCCTCC	TGACTGTGGG
651301	AGGCCCCGGG	GCATCCACAT	AATTGAAAGC	AGTAGTTGAT	AAAATATTTA
651351	CACGTGTTCC	CATAATAGAT	TTTAAATCTT	TGGGTTGGGG	AGGGAAGCGC
651401	CGTGACGATG	CCTGGGATAC	TCGTCAATTT	CCAAAGGTTT	TAAATCTCGG
651451	ATTGCTTATA	GCTTTGAACA	TCGTCAAAGG	AAATGCAAC	TGCTCCCTAT
651501	TCGGCACTTA	TAATTGCAAT	CAGAAATTTCT	CAAAATGGCT	TGCTTGGGGA
651551	AGACAATGTG	TGAAGAGATA	TTTCAACCCA	AATTGAGGCC	GTCTTATTTT
651601	AGACCGATAA	CACAAGACAA	ACTTCTCTGT	TTTCCCCATG	CAACACGACG
651651	CCTTCCTTTA	TTATTTCCAT	GGATTGGTTA	CAAAATGTTG	CTGTACGCGA
651701	CTTAAATGTAC	TGTGATCTCA	TAGATATTTT	TAGAGGAATG	CTGTAGATCG
651751	CTCCAGCAGG	GTGACGGGGC	TAGGCTGCCT	GAGAGTTTCA	AATACTGAGA
651801	GCTTCCCTTT	AACCCCATCT	GGGCCACGCC	GCCCCCAATC	ACCCCCAGAG
651851	AAGGAGACAG	TACTTCGGGG	CCTTTCAGGA	GTTTGTGGGC	AGAAGCCCCA
651901	CATGGAACAT	GTCTTCCATA	CGGCTCAGGA	CTTTTCGAAG	CTTTCCATC
651951	ATCGTCAACT	TGAGGAAAGG	CTCTGTAGCT	TTGGTTTGAC	TTTTAGCTCT
652001	ATGAAGACTC	TAGACTTCTT	TACCATCTTA	TTAGTGGACA	TGGAAGAAGT
652051	AGATTCCAGT	GGGATTCCAG	AATTGCTCAC	TGGAGAGCTC	AGGCTCCTGT
652101	GGCTTTGCTC	TGGGTGGTGA	GTCTCTGGGT	ATCATTTCTAG	AAGAATTACG
652151	TCCCTAATTG	AAGAAGGCAC	CACGTGTGCTA	TGCAACCGTAT	TATGGTTATG
652201	TCATGGCTGT	GGGTGAGGAG	GAGCCAGGAG	ATCAGCTGTT	TCCAGGTTCT

652251	TTCATCTGTG	TGTAGCATCC	CCATGGCTGT	GTGCTCAGCA	GAGCATGGTT
652301	CCTGTGGATA	ACTGTCTAGCA	CCTGTGGGGT	AGGGCAGTGT	TCTCAGGCTT
652351	TAGCATGGTG	GCACTGTGGC	CCGGACAGTG	TATAAACACC	ATTGTTAGGT
652401	GACCCTAGAT	GCAAGTCTGG	GGTATGACTT	AGGGTTTGCA	TTTCTTTCAA
652451	TTTACTCTTT	ACAACATTTA	TTTATTTTFA	TTTGATGTAT	ATAAGTATCT
652501	GCCTGTATGT	ATGAGTTGCC	ATGCGGGTGC	TGAGAACCTGA	ACTTAGGTCA
652551	TCTACAAGAG	AAGCCAGTGC	TCTTAACCAC	TGAGCCATTT	CTCCAGCCCA
652601	GATTTATTTA	TTTTTAATTA	CTTGATGTGT	TGTTGTGTGT	TATGCACACG
652651	AATGTAAGTA	TATATTTGAG	AACAGAGGTA	TCATATTACT	CCCAAGATGG
652701	TTGTATGTAA	CCCAACAGA	GTGCTAGGAA	CTGAATTTGG	GTCCCTCTCG
652751	AGAACAATGC	ATGCCCTTAA	CCACTGAGCC	CTCCAGCCTT	AGGATGTGCA
652801	TGGTTAATAT	TCTCCTCAGG	CACACTTGA	GAACGTGTGG	CATGGGGGTT
652851	AGGAACCTGG	GTTCTGGAGC	CAGGCAGGTT	TGAACCTTGC	CTCTCCCAC
652901	GGCTAGCTGT	GTGACACTGC	TCGAGTCTCT	TCACCTTGC	TGCTCTCTCA
652951	GTCTCCCTGA	CGATAAAGAT	GATAATCATG	ACGGCCCATC	TCTTGGGGAT
653001	GTGATAAAGA	TAAAAAGAGT	ATCCAGCACA	CAGGCACACG	CATTGCATCT
653051	TGCATGCACA	TTGTCTTAGT	TAGGGTTTTA	CTGCTGTGAA	CAGACACCAT
653101	GACCAAGGCA	AGTCTTAATA	AAAAAACAA	AACATTTAAT	TGGGGCTGGC
653151	TTACAGGTTT	AGAGGTTTCA	TCCATTTATCA	TCAAGGTAGG	ATCATGGCAG
653201	CATCCAGGCA	GGCATGGTGT	AGGCAGAGCT	GAGAGTTCTA	TGTC'TTTCATC
653251	CAAAGGCTGC	TAGTGAAGA	CTGACTTCCA	GGCAACTAGG	ATGAGAGTTG
653301	TAAAGCCACA	CCCACAGTGA	CACACCTAT	CCAACCCAGC	CACACCTCCA
653351	GATAGTGCCA	CTCCTCGGTC	CGAAAATATA	CAAACCATCA	CACGCATATA
653401	CACACAGTCA	TGCATGCCCA	CATACAGAGG	AACATAGTCA	CGTGGGGATC
653451	CCTCAGTTTCT	TCTCTACTGT	CTCCTTTCTC	TCC'TTATGGT	CTTCTCCTGCT
653501	GCTCATCCAC	CACGCCAAA	GCAGTACGTG	GCCCCCAGCA	GTGTCCAGAC
653551	CGTGCCTCTG	GCTTTCTAGA	ACTGTGAAGT	CAGTCACTCC	CTTCCCTATA
653601	CAAAATCACCC	AGCTTCGGGT	GAGGCCAGTG	TTTGGGTCTA	ACAAGAAGA
653651	CAGGCCCTCA	CAGGGGTCTT	AGGGATAAAG	GTTCCTTAAGT	AAACGTAGGT
653701	TTGGGGAATC	CAGCAAGATT	TCTTTTCATG	AAACACATTG	CATCAGACCA
653751	GGAGAGGAAG	AAGGAGGTG	GGCTGGGGGG	AAGGGGAGGG	AGAACTCAGC
653801	TGCCCCGAAC	AAC'TTTGAG	GTTCAGGGCGT	TCCAGCGCTT	TCTGTCT'GAG
653851	GACTTTCTCT	CCCTTTCAAT	TGGAAGCGTT	ATT'TATTCTA	CAGTCAATTA
653901	GGACCATGTG	TTTCTGATTT	GT'TAGGACTC	AAC'TCATCGT	CAAAATGTTA
653951	CTTGATGTGT	AAGAAATTCG	TGTCGACTCT	TGAATTTT'TT	CCCCGTGTAT
654001	AGCC'TCTGGG	GGAATGCAA	TGGAATAATTA	AATCTCTGCA	CTGTCTCTCT
654051	CTGATTCATC	TGCGGTGGAT	AGAGTGGAGG	CTGGCAGAGA	GGTGGGCCCC
654101	AGCTCCTAAG	GCCTTTGCCT	TTAAGAATGA	TTT'TTTT'TT	AAACTGTCTT
654151	TTGTTGGACC	TGCTCCAACC	TC'TCTTTCAT	GGTGGCTGAT	TAAACTAGAA
654201	GCTAGAGAGA	AGGCACATGA	TCCAGTCAGT	CTAAGCTTGT	GTGACCAAAA
654251	ACAAAAAATA	TGTTACCGAG	GGTCAATATG	AAAAATTTAA	GCAT'TTTCAT
654301	TTCC'TTTCAT	ATAAGTTCTC	CCAACCTGAA	CCACCC'TGTT	TCTAAGTTTC
654351	CCCC'TCTTTC	CCTTCTCTCC	CCCTTCCCTT	CTTCCACTTC	CCTTCCCCCC
654401	ACCC'TCCAG	GCTACACTCC	TGGTGGT'TTG	CAAAGCCTTG	CTACATTTGCG
654451	CTGAGGTGGT	TTATGTCAAT	GAAGACTAAG	GTGTTGTGAA	CATACTGGAG
654501	AGTGTGTGTG	TGTCCTGTTT	CTAACAAGGG	ACATTAGAAA	GATCTACAAG
654551	AGTCACAGGA	GCAACTTGAA	ATAGAAGAA	GTGGTGCCAT	GGCGGGCCCC
654601	ATTGGAGAAA	AAGCCCGTTG	GGATGCATGC	TCAGAAAACG	CGCCTCACAC
654651	AACAAACTCT	GAGTTAGGTT	TCACACCTCC	TAGGTTAGAA	TGTTT'TCTCT
654701	CTGAGGTGTA	GGGTGTTTTC	TAGAACATAG	AGATGCACTG	CCAGT'TTCTT
654751	GTATTTAAAA	CCCTTATACT	ACCAAA'TCGC	TCTGGAAAGT	CAGATGTCTCT
654801	TCAGCCCATC	TTGAGAGGAT	AATGCC'TGAG	TTGCCTTCAC	AAAGCCCTTC
654851	ATAACCACCC	TGGCTCCAGT	ACCAGGTGCC	CCAGACCGGC	ATCTGGCAAG
654901	TCGAATGGTG	CCAACTCTA	TTCACTCTCT	GATGCTTAAG	GGGAGATTGT
654951	GTCAA'TCTTC	ATACGACACC	CTAGACTTCC	TTTAATGTGT	GAGGAGATTG
655001	CCCTAAAGGG	AAATAGCTTG	CTATACAGGC	ACGATGACCT	GAGTTCAAAT
655051	CTCCAGTACC	CATGTTGAAA	TTAGTCAATG	TGGCACACCT	GTAATCCCCG
655101	TGCTAGGGAT	GGAACATTTT	CTCTAGCCCC	GGGTT'CAGTA	AAGGACACTA
655151	TTTCCAAAAA	TAAAGGTGGAC	ACTTGTATCCA	GAAAGACTTC	ATGCTGGCAG
655201	GATAGCTAGG	CTGGTAAAGG	TGCTT'GCTGC	CAACCTGAGT	TCAGTCTCTG
655251	GGAGCCACAT	GGTAGAAGGA	CAGGCCCTGT	CCCTGAAAT	CAGCCTCTGC
655301	TCTCCTCATG	CACACTTAAA	TTAATACATA	AATGTAA'TTT	AAGTTTCAGG

655351	TCACCTACAG	CTGCGTGGCA	AGTTCACGGC	TAGTCTAGAT	TACATGAGAT
655401	CCTGATTGAA	AGAAAAACAG	AAGAGAAGAC	TGACCACTAA	CCTCTGACCT
655451	TCATACACAC	CATACCCTCA	CATGTGTGAC	ACCCATGCGAT	ACACCATTC
655501	AGAGTTTCAGA	GTTGACAGTC	AAAAGCGGGA	GCAAAAACCTA	TTGATCCTCT
655551	GTTTTCTCCA	CAGCAAACAT	GAGAGCTTGC	TAAATAGTGT	TTCTGGGGAG
655601	TGCTTGGCCC	TGGCCACCC	TCCTGTATGT	CAGGAACATG	TTTGGCAGAG
655651	AGAGGGCCTG	CATCTTGGAG	GATTTTCAGTT	CCAGGAAAGT	ATACCACATG
655701	GGAGAAAGGA	CATTTGCCTC	AGTTTCAAGA	GGAGATGAGA	AAAACCAATA
655751	ACTCGTAACA	GGCGTGCTGA	ATTAGCAGGA	GGAAGTTTGAC	TTGTAATCAA
655801	AGTTTAAGCGA	GAAATGGTTT	TTTGAACCTCT	TAAACCCGAG	AAATGAGCTT
655851	GCCAACTCTG	TGCATCGGAG	AGATAGCATC	TTGGCACCCCT	GGGAAACAGA
655901	GTTCCGACAA	ACACATTATT	ACACTCGTTC	TCATATCTGT	ACGAAAGTCT
655951	TTAAGATTAT	TAGAAATTCT	TGACAAAGCC	CAGGGACATG	CCTGCAGAAA
656001	TGCTAATGCG	TCTGTTGTGA	TTCAATGGAAG	GTTTATGCCG	GTGCTACCA
656051	AGTCAACCTG	TCTCCCGGTG	GCTGCCGTTT	GGGGACAGGC	ATGTTTAGGG
656101	CAACATCTTA	TCTCTAACAC	AACACTGGCT	AGCCCTAGCA	GGAAATTTCTG
656151	TGTGTTCTCC	TTACCTCTCT	CAAACCCCTT	TGGTTCACAT	TAGCTTGTCC
656201	TTGCAGAAGA	TCCATTATCC	CCGTAATTAA	ACAACCCACT	GTCCCGATTA
656251	AGCCGTTCTC	TGTTACTTCA	ATTACATCCC	ATTGTTTCATT	AAGTCCTGAT
656301	AGTTTGCACTT	CAGCAATCTT	GTTTTAAATA	CTCCTAGCAT	TTGTGGAGAA
656351	ACATTGAAGT	TGAATTAACA	TTCTTAAAGCT	TTCTTTTCTT	TCCTTTCTAC
656401	ATAGTGCAAA	TCATTTCCTAT	TATGACTTGA	GATAAATACTG	AAACCATTAC
656451	TAGCTTCATA	GTTAGCTTCC	TGATCAAAGA	GTGAAACCAT	TTTTCATAAT
656501	CGTGTTAGGT	AAGTCATTCC	CTGGTCGATG	GCAAGCTGTG	GAAAATGAAA
656551	AAATTAACCTT	AAATGAGCGC	TTTCAGTGCC	GTTCCTCTTC	GTGGTCTTTC
656601	TCTTCACGCC	TATCGTCTTG	GAATTAGAGA	AATGAACTTAG	TTATCTCAGT
656651	ACAAAAGTAT	TTAATTTTCA	TCCTGTGGT	TCAAATTAAT	TATTTCTTCA
656701	TTATTTATAC	CTTTTACAAA	TCAGTTGCTT	TGACTACAGC	CATAGCACTC
656751	TGAACACGTT	CCATTTCATC	TGCTCTCGGA	AGGTAACACG	AGGCAGGGCC
656801	CCGTGACTAT	TTGAAATGGGA	GAGTGGTATT	GCAAAAGGTT	GTCTTTTTCG
656851	CGTTTGCTATT	TTCCATTGGG	TGATATATAT	AGCAGGAATC	ATCAGTCAAC
656901	AGCCTGGGGA	CAAAATGAGAC	CCCTGGACTG	TTTTTATGAA	TAAAGCTTTA
656951	TTGGAACACT	ACTCCGTGTA	TTCAATTCTG	TATATGTCT	GCGTGGCTCT
657001	TTACTAACAA	TGGCAGAAAG	TGTTAACTTG	TCGCACCAAA	GACCATATAA
657051	ACCTCAAAGC	CTTAAATATT	TTCTGCCTGA	TCCTCAATAG	ATAATTTGTC
657101	AGCTCTTAAA	CTGACACTTG	AAGGCGGGGG	TGGGGGAGGA	ATCTAGAATC
657151	TTCTCTCTAA	CTGAAAGTG	CTTGGCAAAG	TGTTCTCACT	GTTCACAAAT
657201	CTTTGCTAGC	TCGTCTCTCT	CCATTCTAGG	ACGTGCAAA	ATGCTAAGTA
657251	TAGAGAAACT	GGTCACAGAA	ACAAAGTGGG	GCCAATGCCT	TTCTCACCTT
657301	GTCTTGTTCA	GAGGACAAAG	GCCTTCTTCC	ACACTTCTCT	GCCCACGTFA
657351	ATTCTGTGAG	AGGAGCAGAC	TCCCTAGCTG	GGAGCTTTTG	TCTATCCTTG
657401	ATGCGACAGG	AGAGGGGGCT	GGACATGGTA	GGAGGCGGGT	GAGCATGGGT
657451	TAGGGAGACA	CTTGAAGCCA	GGGAAGGCTT	GTGCAGGGCT	GAGGGACAA
657501	CTGTTGAAAC	CGCTTGGACC	GCTGGCTATA	CTGAGCAAGC	TGCAGCCTTT
657551	CTGAGTTTGG	TACATGAAAG	AGACTTTCTT	CTTGACTTTT	TTTGGCCCT
657601	GAAATGAAAT	TAGAAATATA	TTTATAGCT	TTTATTGAAT	GAGAACAAAT
657651	ATTGCTCAAA	GACCATTTAT	GACAAAGTTG	CTGGTTTGTA	AAAAAATAAA
657701	AAATTCCTT	TATAGGAATT	ATAGGGTATG	TCAGCAAGGA	TGTGGCTGCA
657751	TCCAGCCCTT	GTTAGCCACA	GATATGTGAG	AGAAGCTAAG	CAGGTGACAT
657801	TATAGACCTC	CCCTGGGACA	GGGTTCCTCC	CATATTCAGT	TATTCCCAAG
657851	AAGCCTCAGT	TTTTTGTCTT	CTCTATACCT	CAAGCTGGAG	AGAACCACTA
657901	GCCAAAGTAAG	AATGTGTAGT	TATTCACCCA	TGTGCTGTGG	GGCTAGGGCT
657951	AAAGACATGG	GATTTAGGCT	CTGAGAGTCC	TAGGTATGAA	ATTGGTCTTG
658001	GTCCATTACT	GTGTGACTTT	GGGCAGGTCA	CCACCCATCA	GCCTATTTAT
658051	TCATCTATGA	ATAGTTGGTG	ATAAAGCCCT	AACCTTGTAG	GTTTTGTAG
658101	GTAAACCTTTC	TGACTTTGTG	TAAAGTCAGA	AAATTATGTG	TGTAACACAC
658151	CTACTGCCTT	TCCTGGGCACA	GAGGGAAGTG	TCATTTCTTT	TGACAGTGTG
658201	TTTCTTATCA	CCTTTAAGGT	ACACTAAAGG	GAGGTCTCTC	CTGTGGTCCCT
658251	TCTAGTTGTT	TTTTTATTTGA	TGATAGGTGA	GGTAGGGGAA	CCAGGTTAGC
658301	TAGCTCTGTC	ATCATGTATA	ACACATCTGA	AATTCCCCTG	TGTTGTGTTA
658351	GCTCTGTACC	AGGTTACACA	TGCTTCCTGT	TTTGGGCAC	GGACAACCAA
658401	ATGCGAGAGA	ATACCTGTAT	AGGCAGGGCA	GGAGTTGACA	GTGGTAAACC

658451	TGAACAACTG	TCTAAAAGCC	GCTGCCTTGG	GGTATGCTGG	GAAAAAACA
658501	GCCATTTTCA	TCCAGTCCTC	TCCTATGCAC	TGTGAGTCTC	CAGATGGCCT
658551	TGCCCTGCC	ATGGCTTCCT	TCTGTATATA	GCTATTAGGA	AGCAGTACAG
658601	CTGTGTAGAA	CAGAGGTCCA	GATGCCCAAG	TCCAAGCAGC	AGAAAGATGG
658651	ATTTCTCCCC	AGTGTGAAGG	GCCGGAATGG	GCAGCCCTGC	TCTGGGATGC
658701	CTGCAGGTAA	CTTCTTGGAA	TGAGCTGTCT	GCTTCCCTCAG	CCTCTTTCCA
658751	ATTGCCACAG	CAGGACCTCA	GCAGGACTAC	ACAAGAAAGG	ACAGATGGTC
658801	AGCAGCTGTC	TTGCAAGAAC	CTTCCCAGG	GGTGGCCACA	TAACACATCC
658851	ATTTAAAGTC	ATTGGCCAGA	ATGCGGTCAC	GTGGCCACAC	CCAGCAGCGG
658901	GGACAGGGCA	GTGCCCAGAG	GCTCCGGAAG	CTATACACAG	TAATGCTGAT
658951	CAACGTGTGC	TTCCAGAAGA	TGCACAGAGC	ACAGTTTGGT	ACTAAGCCAG
659001	AGTCAGAAGG	TCAAGCCCCC	TCTAGTACCT	GGTGTGTGCC	CACCCATCGT
659051	CTACTGATGG	AGAACTCCGC	AAGGAGAAC	CCATTCTTAG	CCTCCTGGCA
659101	TTTCAGTGGG	AGTCTGGACA	TAGTCAAGTG	TGACCCCTTCC	AGAAGCTGTA
659151	ATCTGGGA				

//